

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006789.D
 Acq On : 09 Nov 2018 16:25
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVWV110918

Quant Time: Nov 12 00:57:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	343106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	439552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	430486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	246973	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	103895	41.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.64%	
35) Dibromofluoromethane	7.89	113	111006	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
50) Toluene-d8	10.33	98	485084	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
62) 4-Bromofluorobenzene	12.62	95	178212	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	130991	46.956	ug/l	98
3) Chloromethane	2.21	50	153929	45.963	ug/l	99
4) Vinyl Chloride	2.36	62	167503	47.575	ug/l	99
5) Bromomethane	2.78	94	119518	49.059	ug/l	99
6) Chloroethane	2.92	64	107779	46.776	ug/l	99
7) Trichlorofluoromethane	3.26	101	207051	46.804	ug/l	96
8) Diethyl Ether	3.69	74	58563	45.505	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	135233	46.007	ug/l	99
10) Methyl Iodide	4.28	142	211754	51.854	ug/l	100
11) Tert butyl alcohol	5.21	59	36909	223.011	ug/l	99
12) 1,1-Dichloroethene	4.04	96	117804	48.063	ug/l	98
13) Acrolein	3.91	56	37409	217.029	ug/l	100
14) Allyl chloride	4.68	41	156863	47.475	ug/l	99
15) Acrylonitrile	5.38	53	120068	233.084	ug/l	99
16) Acetone	4.15	43	78071	214.485	ug/l	98
17) Carbon Disulfide	4.38	76	373179	46.156	ug/l	99
18) Methyl Acetate	4.68	43	53146	41.608	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	281163	46.835	ug/l	96
20) Methylene Chloride	4.92	84	142074	47.404	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	136142	46.437	ug/l	98
22) Diisopropyl ether	6.32	45	325373	46.728	ug/l	98
23) Vinyl Acetate	6.26	43	949415	239.070	ug/l	100
24) 1,1-Dichloroethane	6.22	63	210534	46.220	ug/l	99
25) 2-Butanone	7.18	43	135357	225.223	ug/l	98
26) 2,2-Dichloropropane	7.17	77	206586	47.602	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	145702	46.381	ug/l	100
28) Bromochloromethane	7.52	49	74931	43.919	ug/l	99
29) Tetrahydrofuran	7.54	42	89184	226.410	ug/l	99
30) Chloroform	7.68	83	228194	45.212	ug/l	98
31) Cyclohexane	7.96	56	216969	46.250	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	223945	46.752	ug/l	99
36) 1,1-Dichloropropene	8.09	75	196548	49.278	ug/l	100
37) Ethyl Acetate	7.26	43	64993	45.884	ug/l	99
38) Carbon Tetrachloride	8.07	117	206388	48.430	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	256996	50.607	ug/l	97
40) Benzene	8.33	78	543736	48.277	ug/l	99
41) Methacrylonitrile	7.49	41	39826	48.464	ug/l	92
42) 1,2-Dichloroethane	8.40	62	142196	46.382	ug/l	100
43) Isopropyl Acetate	8.43	43	125120	47.119	ug/l	100
44) Trichloroethene	9.10	130	166305	48.025	ug/l	98
45) 1,2-Dichloropropane	9.37	63	123115	46.543	ug/l	98
46) Dibromomethane	9.46	93	68093	45.851	ug/l	99
47) Bromodichloromethane	9.65	83	168558	46.774	ug/l	99
48) Methyl methacrylate	9.44	41	65761	52.584	ug/l	93
49) 1,4-Dioxane	9.49	88	22764	1023.857	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	328429	240.739	ug/l	99
52) Toluene	10.39	92	400038	50.520	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	170616	48.826	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	201522	48.641	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	101671	46.472	ug/l	97
56) Ethyl methacrylate	10.65	69	125081	51.774	ug/l	100
57) 1,3-Dichloropropane	10.94	76	163352	46.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	277886	230.965	ug/l	99
59) 2-Hexanone	10.98	43	240297	259.903	ug/l	100
60) Dibromochloromethane	11.13	129	125206	47.610	ug/l	99
61) 1,2-Dibromoethane	11.24	107	98731	46.906	ug/l	99
64) Tetrachloroethene	10.87	164	162891	49.551	ug/l	98
65) Chlorobenzene	11.66	112	453699	49.513	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	140597	47.897	ug/l	99
67) Ethyl Benzene	11.74	91	797866	51.759	ug/l	99
68) m/p-Xylenes	11.85	106	652072	103.708	ug/l	100
69) o-Xylene	12.17	106	299742	51.782	ug/l	99
70) Styrene	12.19	104	489899	52.068	ug/l	100
71) Bromoform	12.35	173	79190	48.702	ug/l	99
73) Isopropylbenzene	12.47	105	835805	52.598	ug/l	100
74) N-amyl acetate	12.28	43	133341	51.482	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	114345	48.300	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	150710	83.679	ug/l #	100
77) Bromobenzene	12.75	156	205332	49.974	ug/l	100
78) n-propylbenzene	12.81	91	992649	52.574	ug/l	100
79) 2-Chlorotoluene	12.90	91	547467	51.471	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	717840	52.138	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	34801	51.375	ug/l	98
82) 4-Chlorotoluene	12.99	91	582477	51.239	ug/l	100
83) tert-Butylbenzene	13.21	119	631548	53.086	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	731419	51.851	ug/l	100
85) sec-Butylbenzene	13.39	105	901814	52.965	ug/l	100
86) p-Isopropyltoluene	13.51	119	830701	53.487	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	422064	50.562	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	416954	50.152	ug/l	99
89) n-Butylbenzene	13.83	91	754700	52.650	ug/l	99
90) Hexachloroethane	14.10	117	124027	50.903	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	365593	50.065	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19175	50.161	ug/l	98

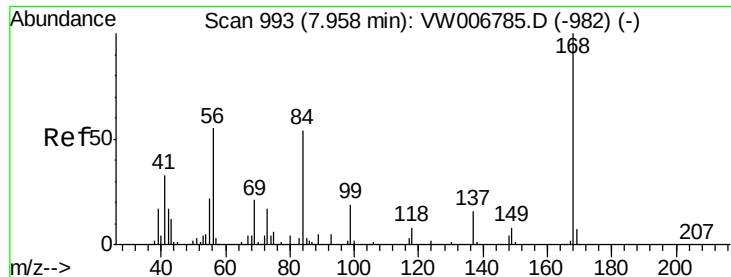
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Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	274083	50.701	ug/l	100
94) Hexachlorobutadiene	15.24	225	167861	49.340	ug/l	99
95) Naphthalene	15.38	128	436540	52.776	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	233781	49.994	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

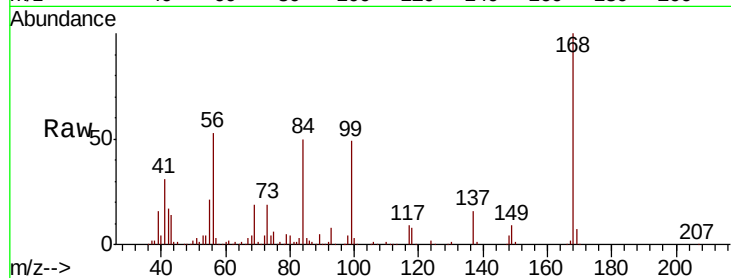
ICVWV110918

Tot Ion:168 Resp: 343106

Ion Ratio Lower Upper

168 100

99 49.0 36.8 55.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

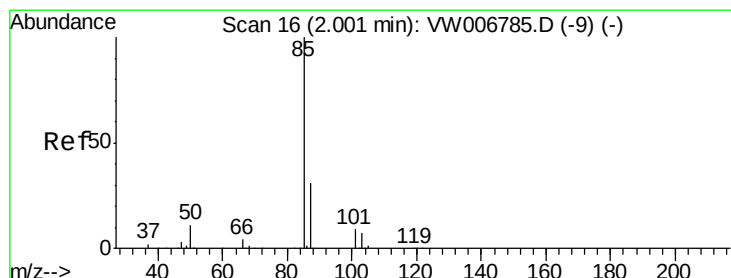
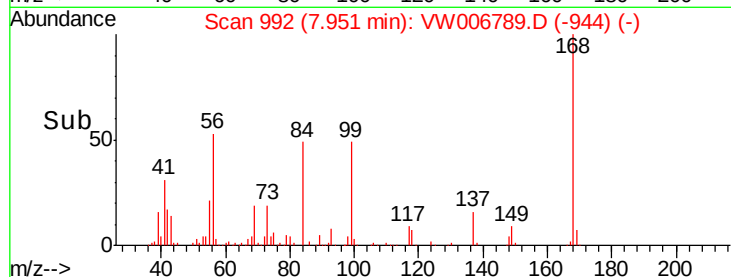
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.956 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006789.D

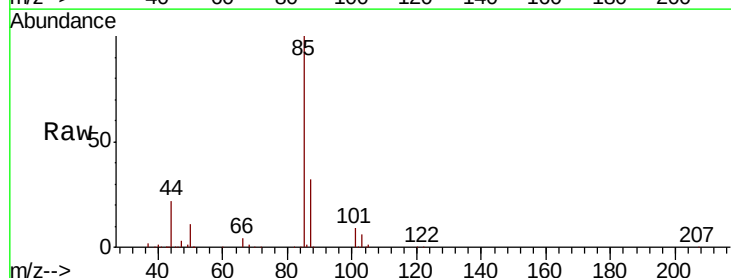
Acq: 09 Nov 2018 16:25

Tgt Ion: 85 Resp: 130991

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

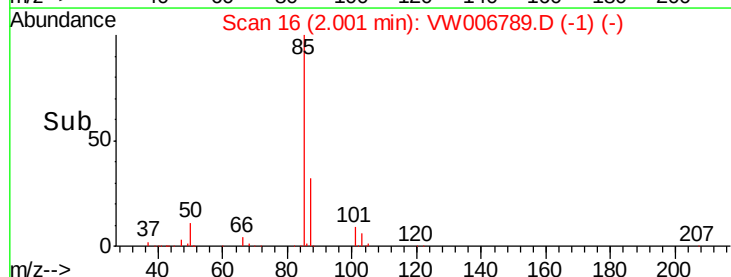
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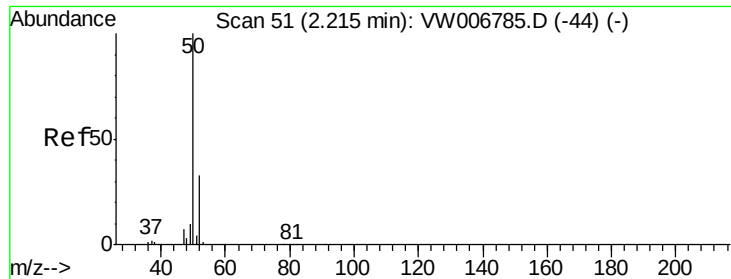
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 45.963 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

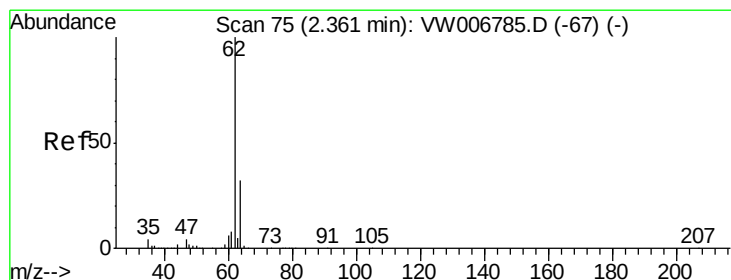
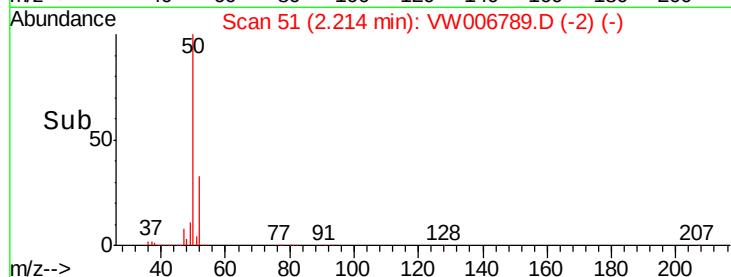
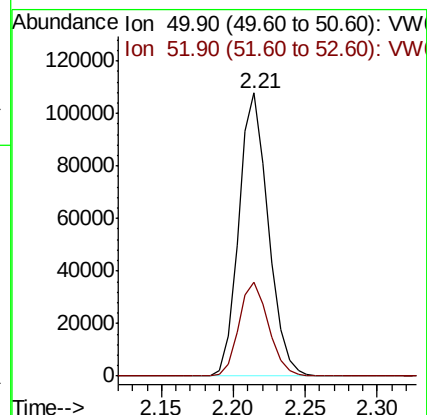
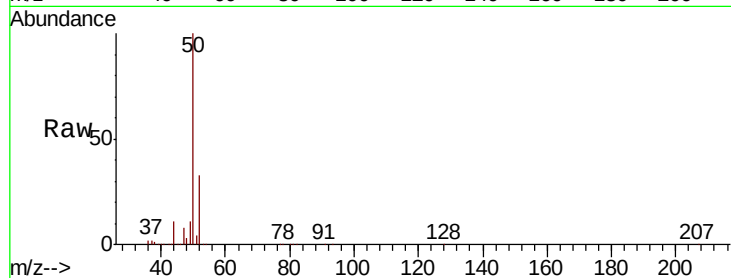
ICVWV110918

Tot Ion: 50 Resp: 153929

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.4



#4

Vinyl Chloride

Concen: 47.575 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006789.D

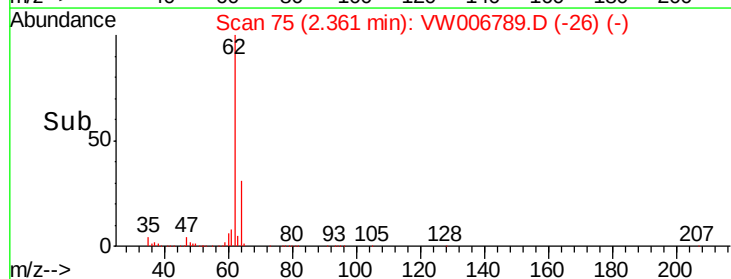
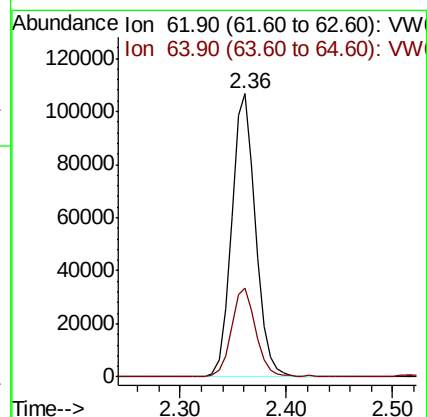
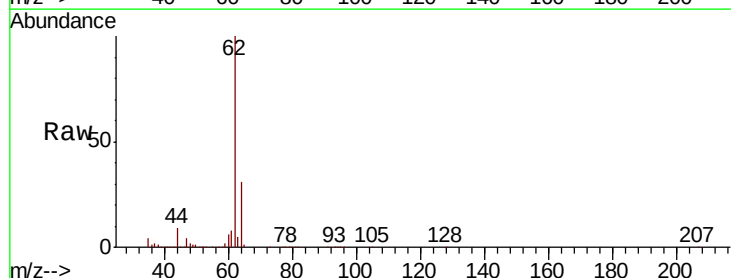
Acq: 09 Nov 2018 16:25

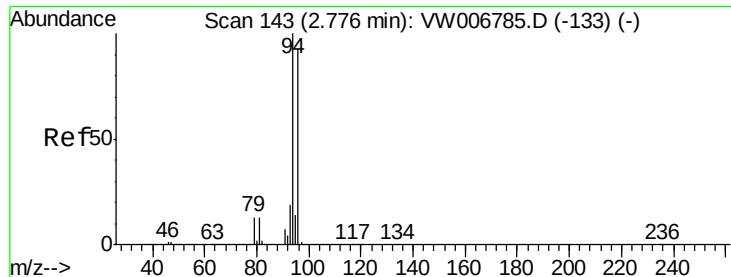
Tgt Ion: 62 Resp: 167503

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.6





#5

Bromomethane

Concen: 49.059 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

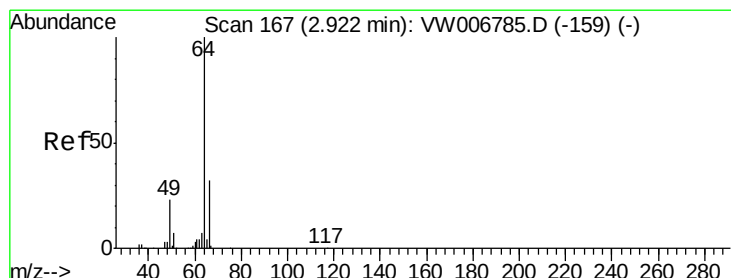
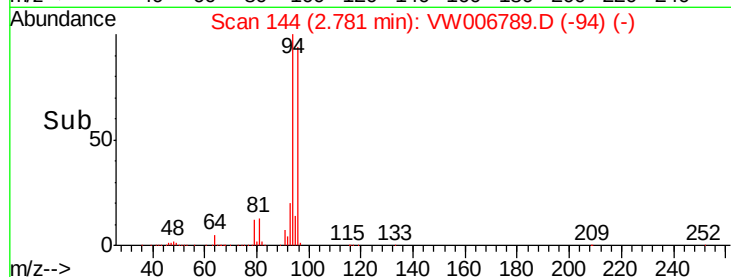
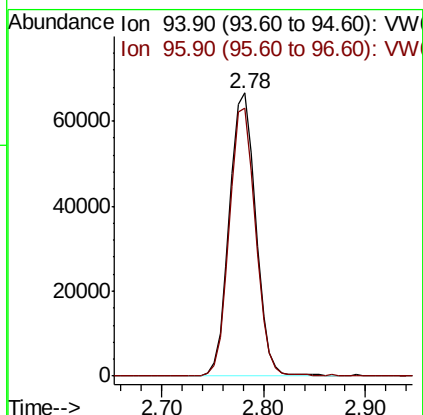
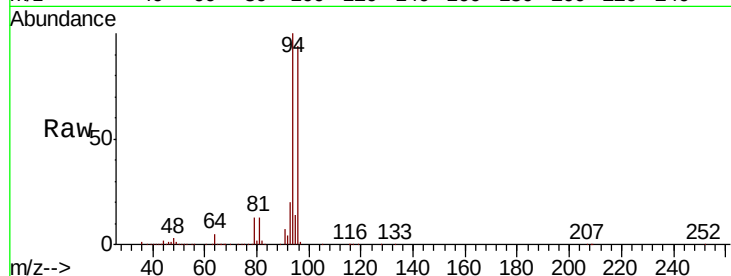
ICVWV110918

Tot Ion: 94 Resp: 119518

Ion Ratio Lower Upper

94 100

96 94.5 74.5 111.7



#6

Chloroethane

Concen: 46.776 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006789.D

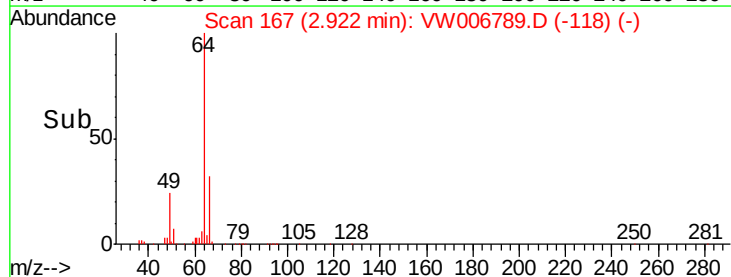
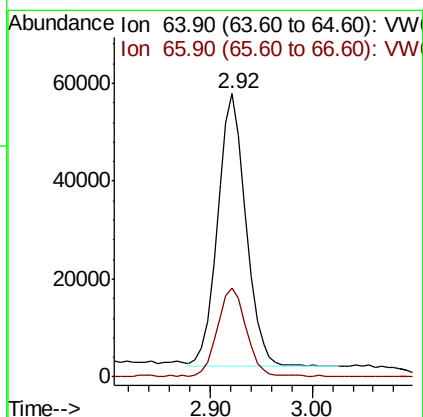
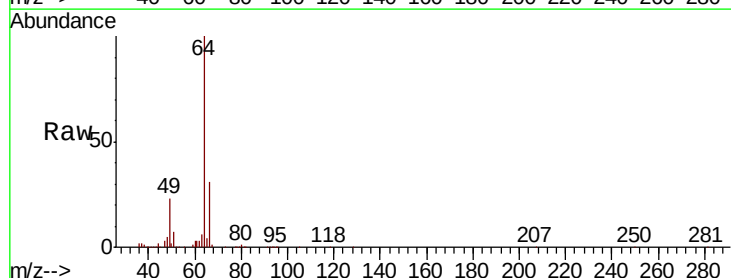
Acq: 09 Nov 2018 16:25

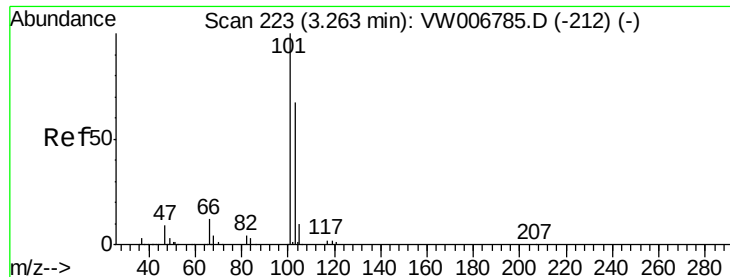
Tgt Ion: 64 Resp: 107779

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.2



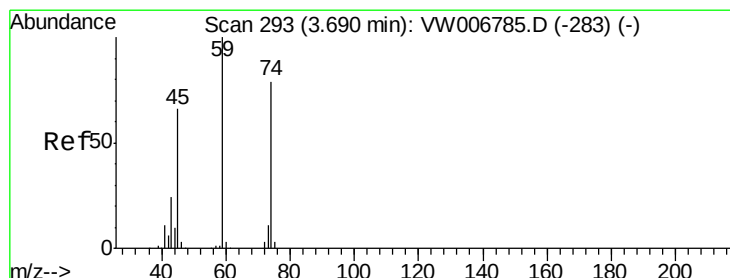
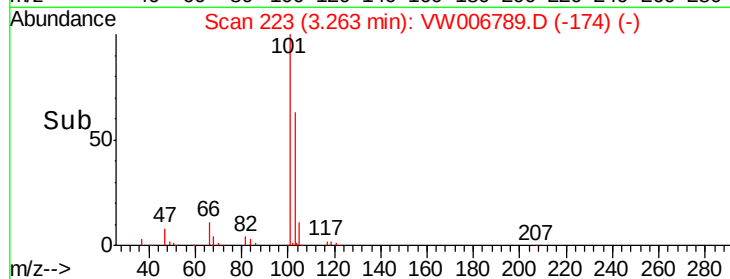
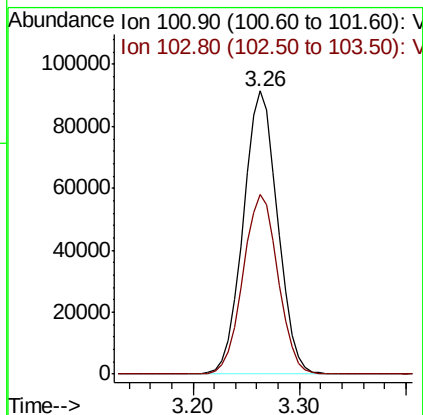
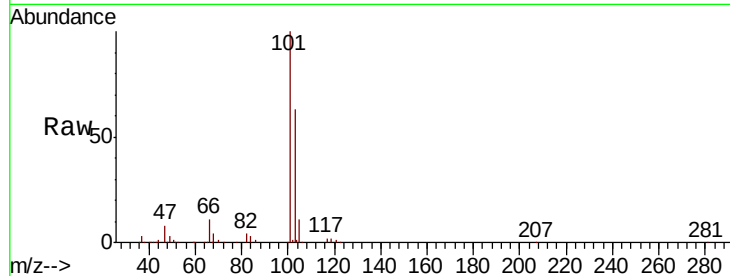


#7

Trichlorofluoromethane
 Concen: 46.804 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Instrument :
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 ICVVW110918

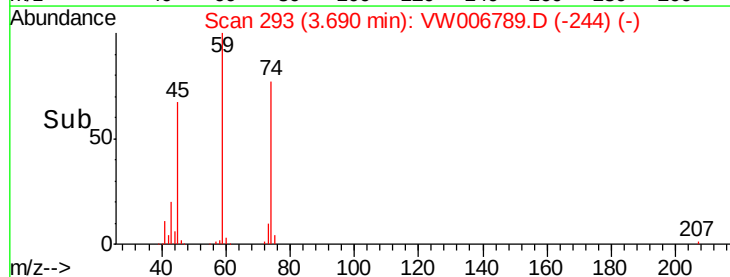
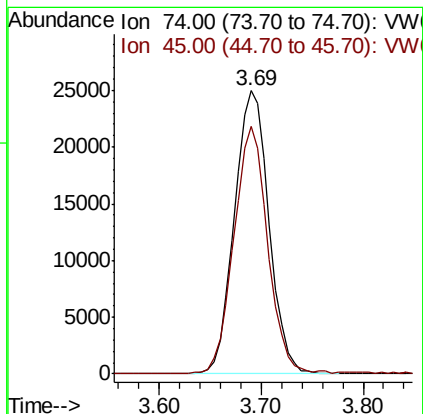
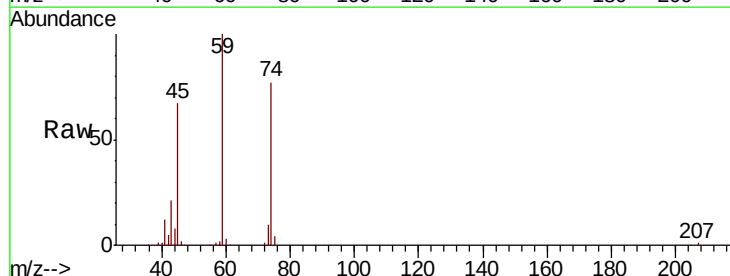
Tot Ion:101 Resp: 207051
 Ion Ratio Lower Upper
 101 100
 103 63.5 53.4 80.0

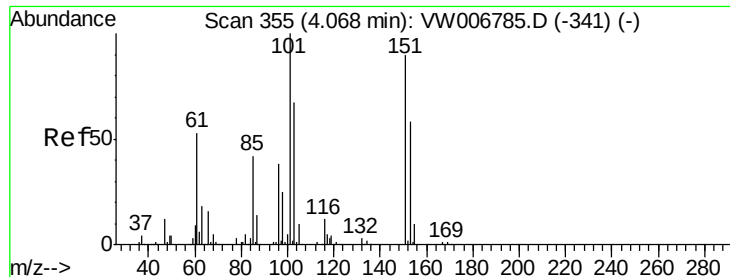


#8

Diethyl Ether
 Concen: 45.505 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion: 74 Resp: 58563
 Ion Ratio Lower Upper
 74 100
 45 86.3 44.0 132.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.007 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

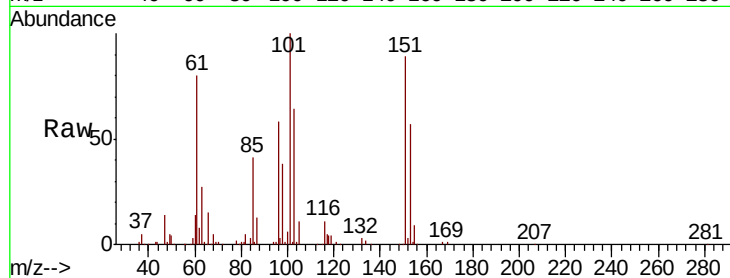
Tot Ion:101 Resp: 135233

Ion Ratio Lower Upper

101 100

85 41.9 34.0 51.0

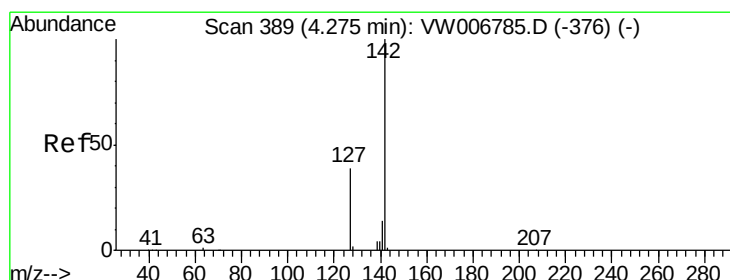
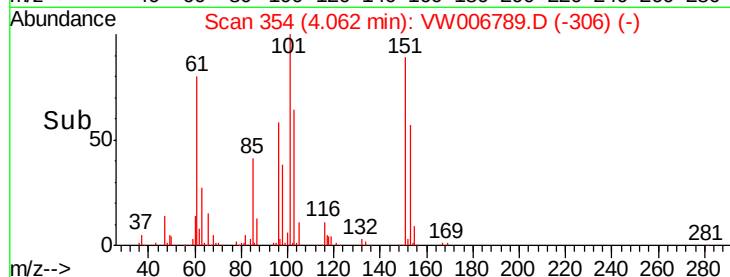
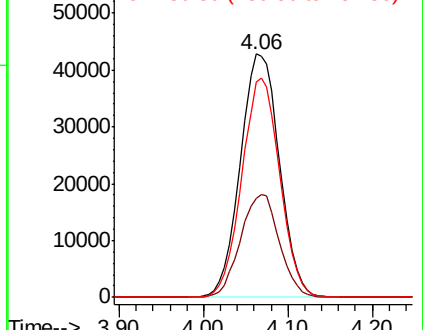
151 87.6 70.7 106.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.854 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

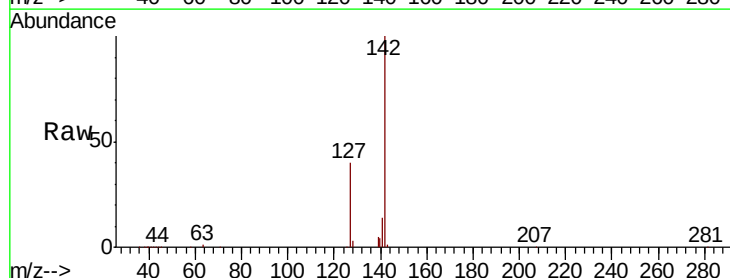
Tgt Ion:142 Resp: 211754

Ion Ratio Lower Upper

142 100

127 40.2 32.3 48.5

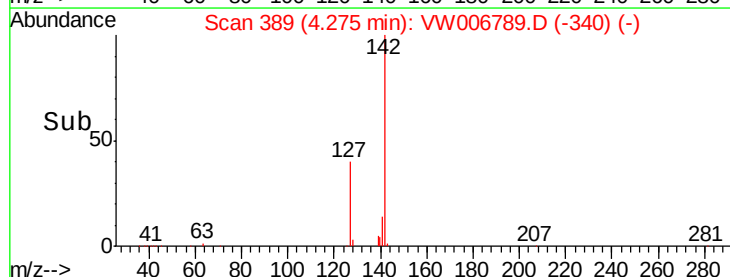
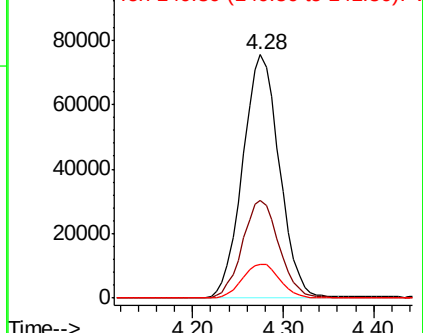
141 14.4 11.4 17.0

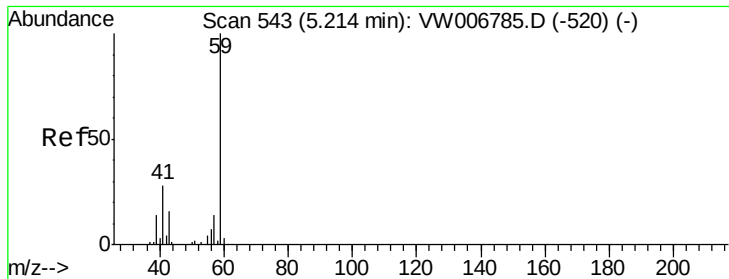


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



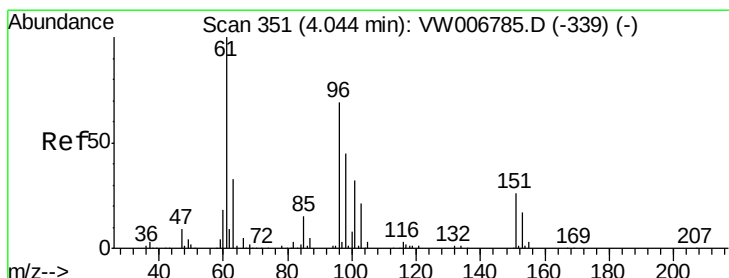
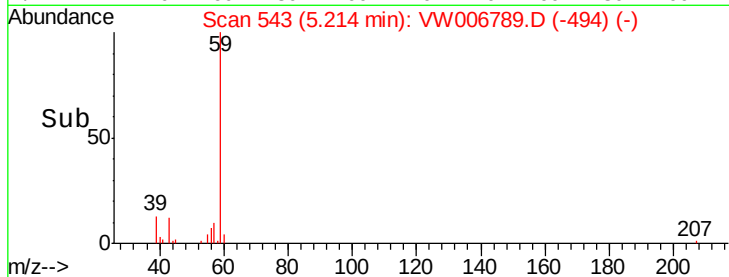
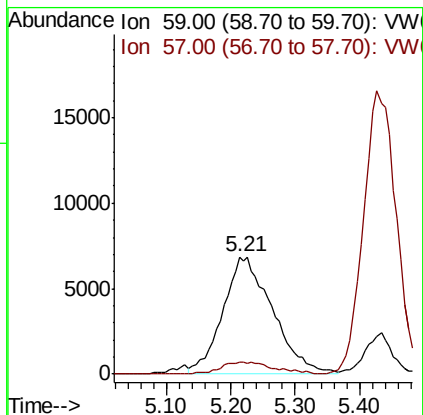
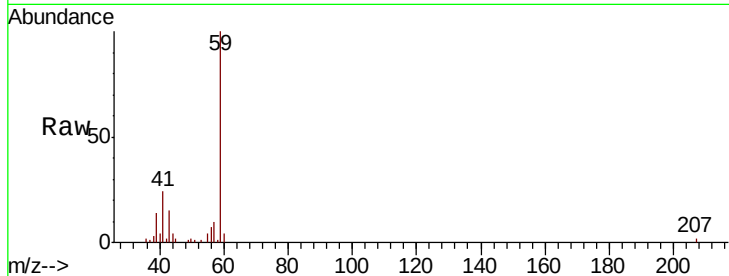


#11

Tert butyl alcohol
Concen: 223.011 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

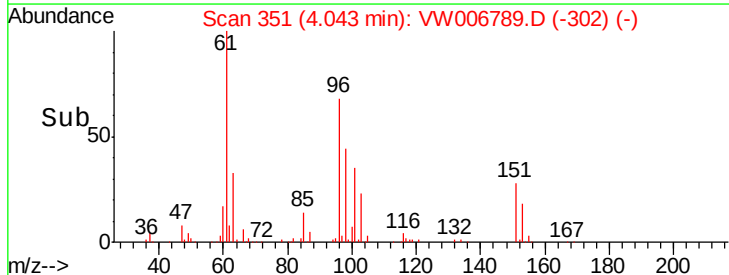
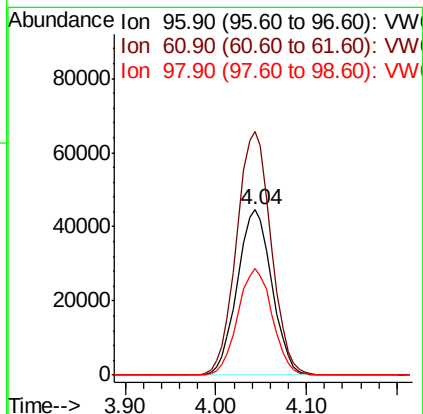
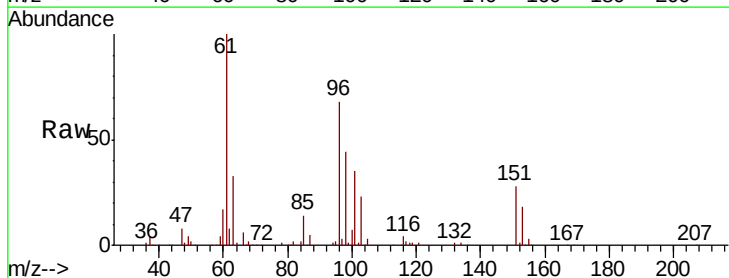
Tot Ion: 59 Resp: 36909
Ion Ratio Lower Upper
59 100
57 11.1 8.7 13.1

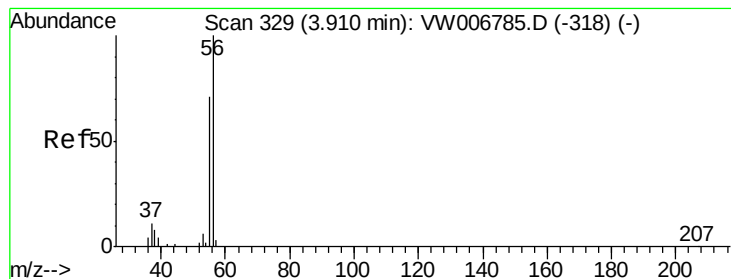


#12

1,1-Dichloroethene
Concen: 48.063 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion: 96 Resp: 117804
Ion Ratio Lower Upper
96 100
61 147.5 116.0 174.0
98 64.3 52.0 78.0





#13

Acrolein

Concen: 217.029 ug/l

RT: 3.91 min Scan# 329

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

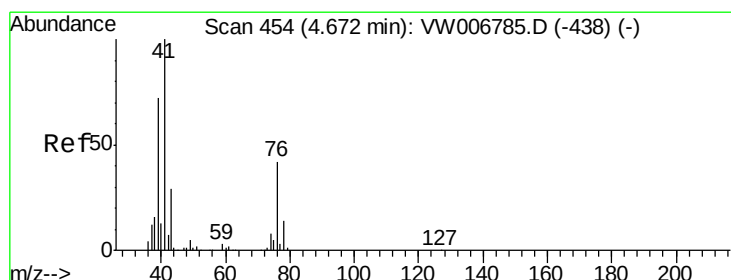
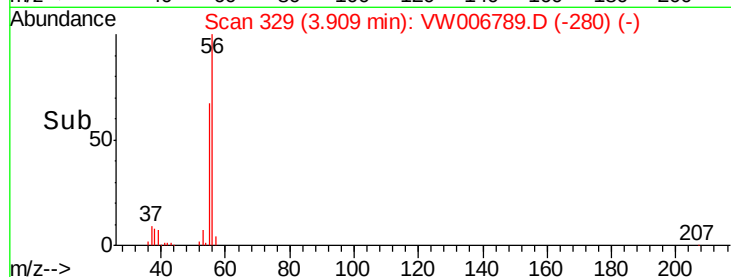
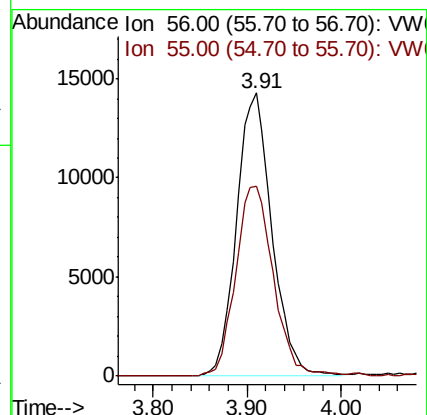
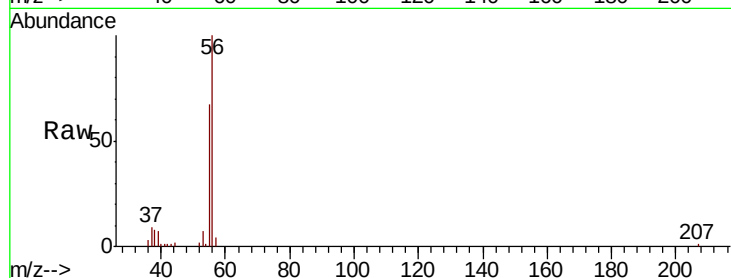
ICVWV110918

Tot Ion: 56 Resp: 37409

Ion Ratio Lower Upper

56 100

55 71.4 56.9 85.3



#14

Allyl chloride

Concen: 47.475 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

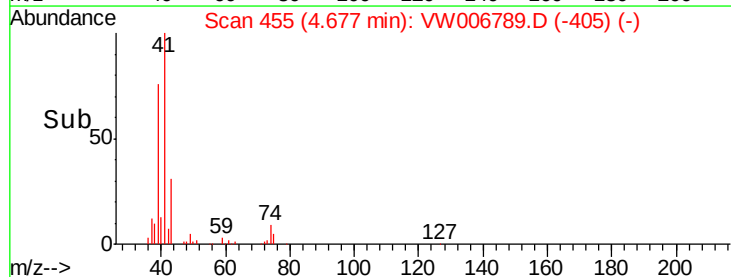
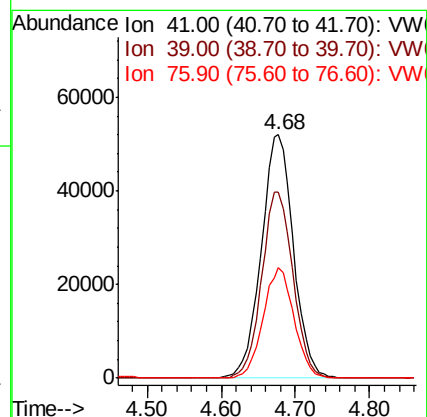
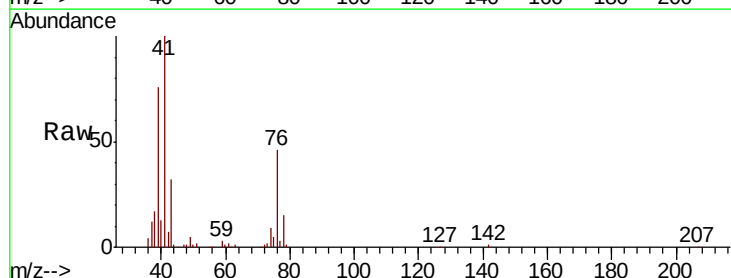
Tgt Ion: 41 Resp: 156863

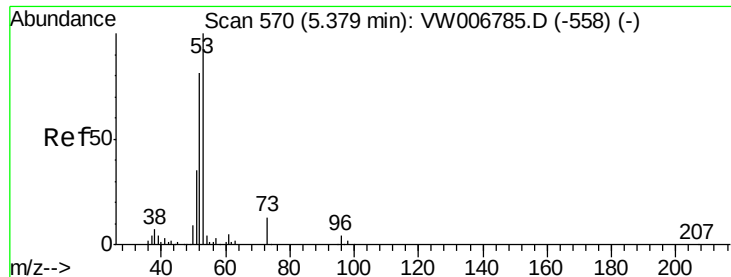
Ion Ratio Lower Upper

41 100

39 74.6 60.0 90.0

76 43.5 34.2 51.4





#15

Acrylonitrile

Concen: 233.084 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

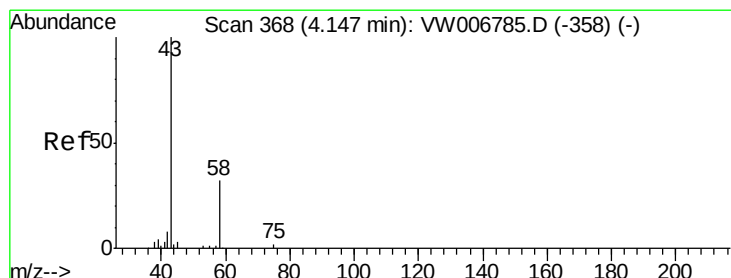
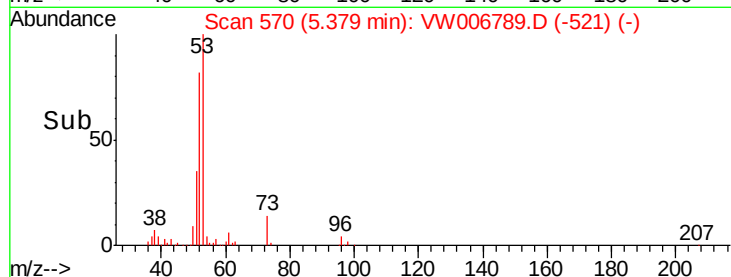
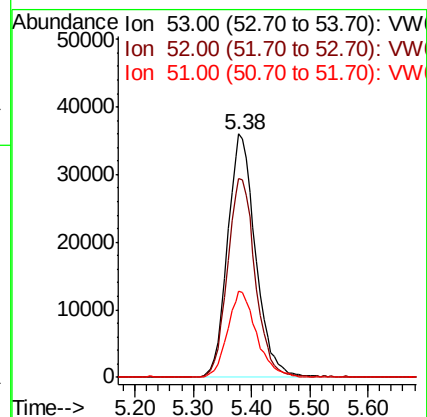
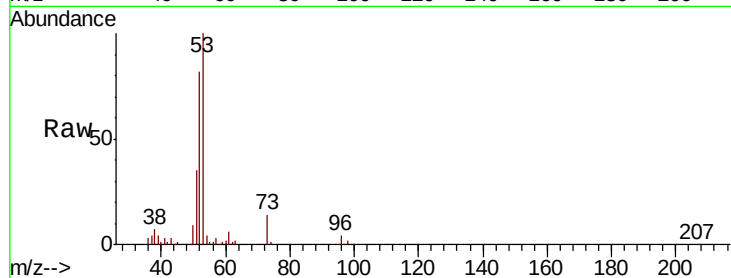
Tot Ion: 53 Resp: 120068

Ion Ratio Lower Upper

53 100

52 80.8 65.2 97.8

51 36.6 30.2 45.4



#16

Acetone

Concen: 214.485 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.00 min

Lab File: VW006789.D

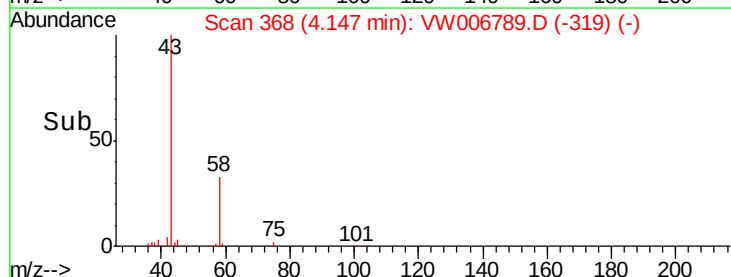
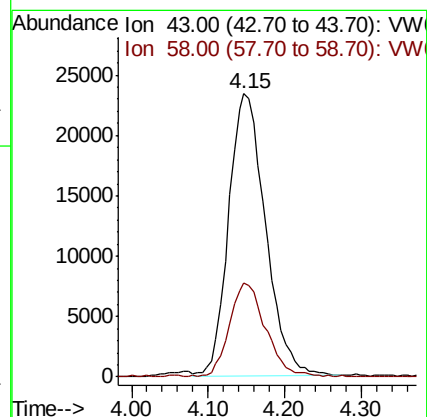
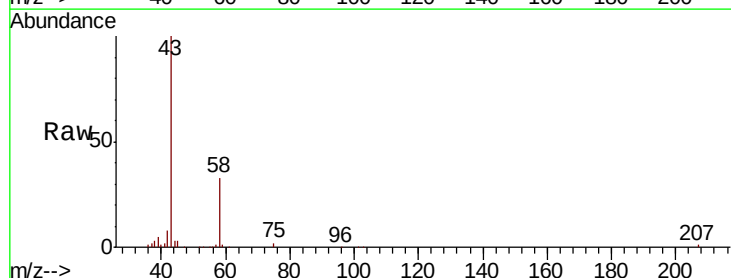
Acq: 09 Nov 2018 16:25

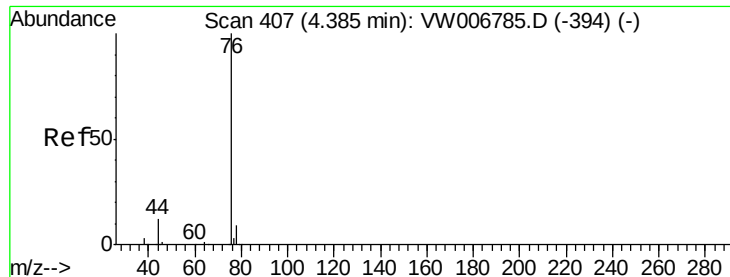
Tgt Ion: 43 Resp: 78071

Ion Ratio Lower Upper

43 100

58 32.6 25.4 38.0





#17

Carbon Disulfide

Concen: 46.156 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

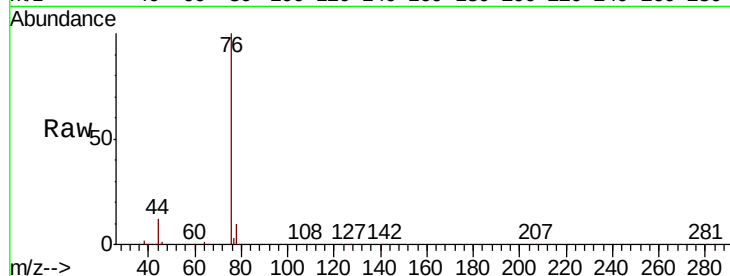
ICVWV110918

Tot Ion: 76 Resp: 373179

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

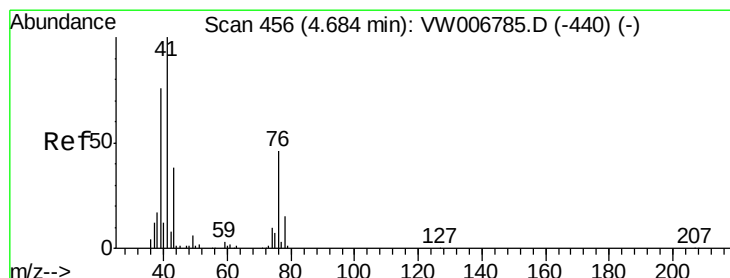
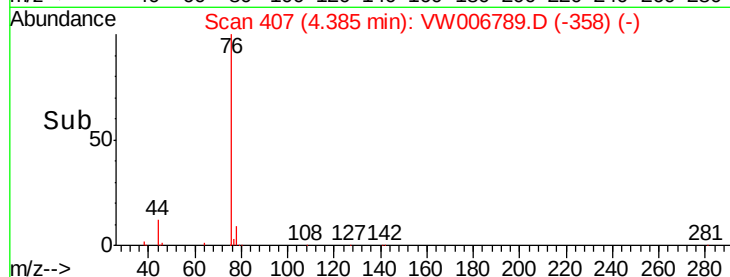
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50 4.60



#18

Methyl Acetate

Concen: 41.608 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW006789.D

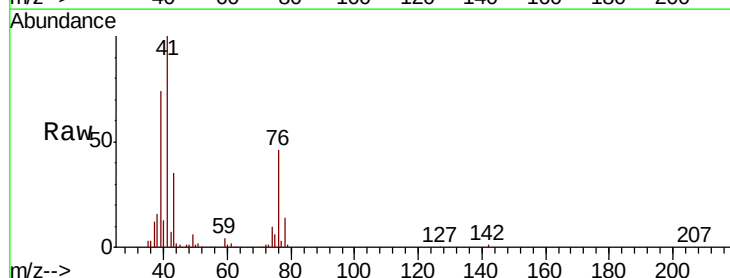
Acq: 09 Nov 2018 16:25

Tgt Ion: 43 Resp: 53146

Ion Ratio Lower Upper

43 100

74 28.1 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

20000

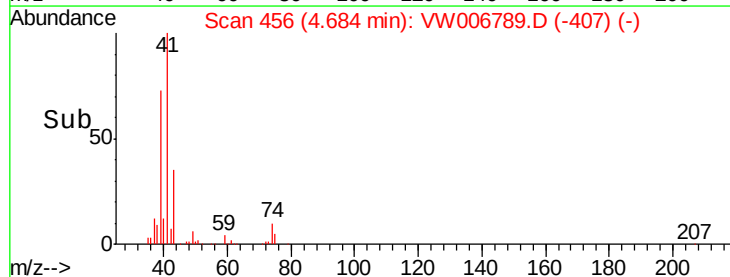
15000

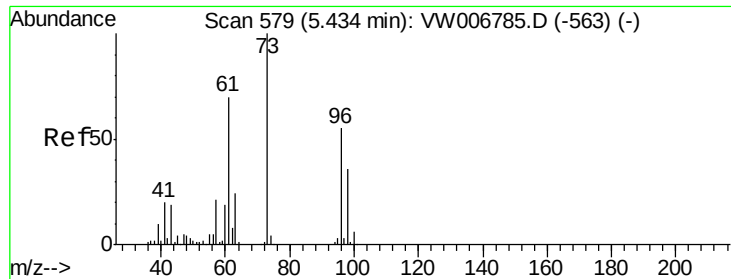
10000

5000

0

Time--> 4.60 4.70 4.80

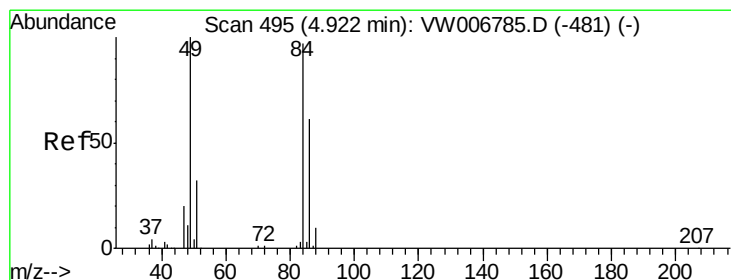
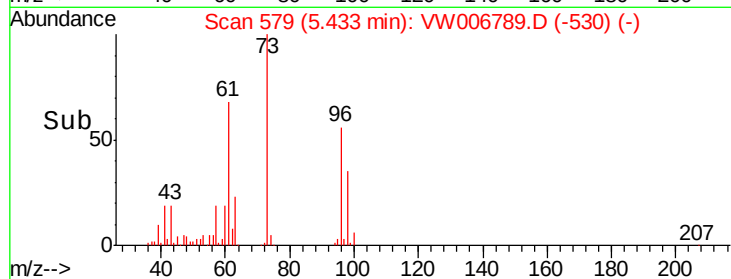
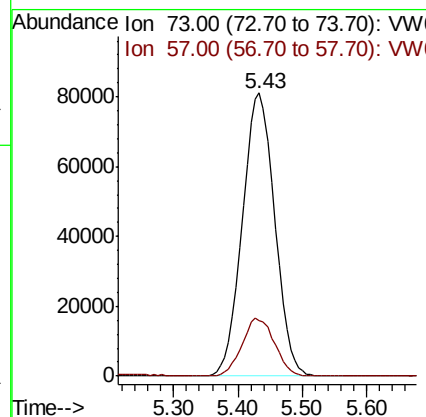
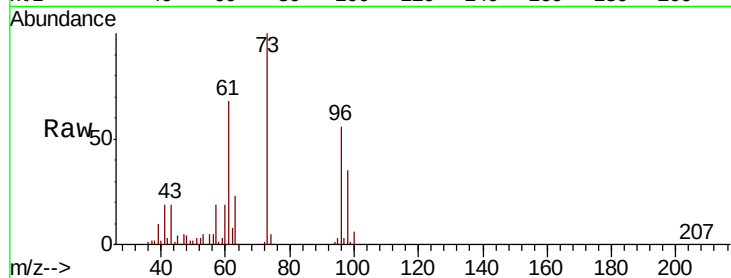




#19
Methyl tert-butyl Ether
Concen: 46.835 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

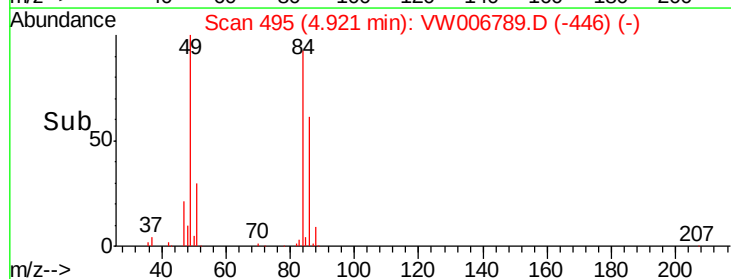
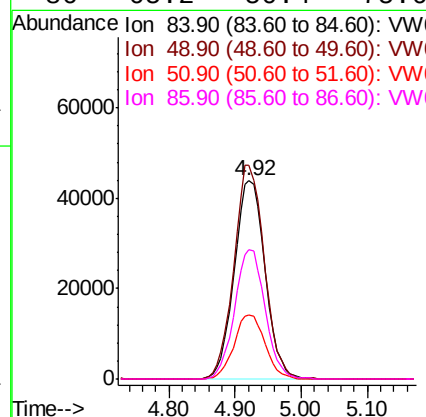
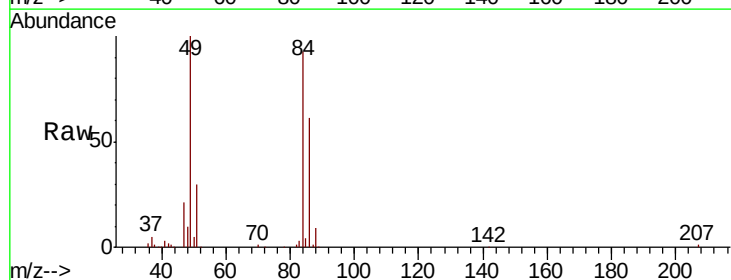
Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

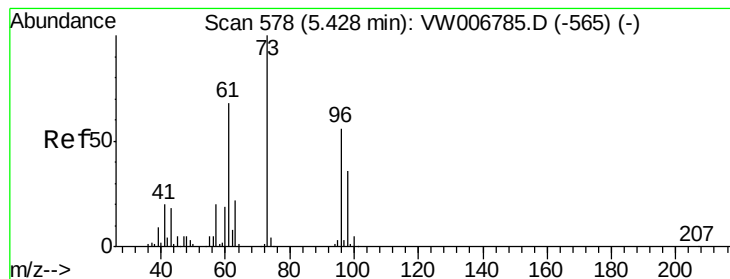
Tot Ion: 73 Resp: 281163
Ion Ratio Lower Upper
73 100
57 19.5 17.0 25.6



#20
Methylene Chloride
Concen: 47.404 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion: 84 Resp: 142074
Ion Ratio Lower Upper
84 100
49 107.7 82.4 123.6
51 32.1 26.7 40.1
86 65.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 46.437 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

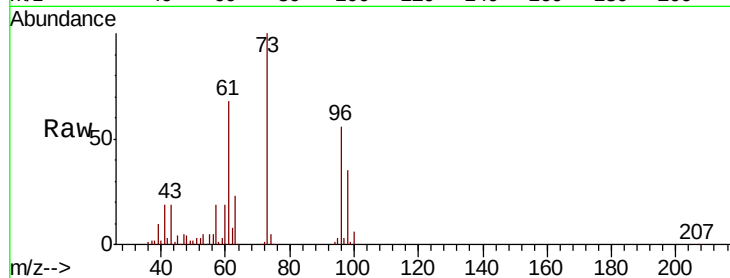
Tot Ion: 96 Resp: 136142

Ion Ratio Lower Upper

96 100

61 120.2 97.6 146.4

98 62.9 51.6 77.4

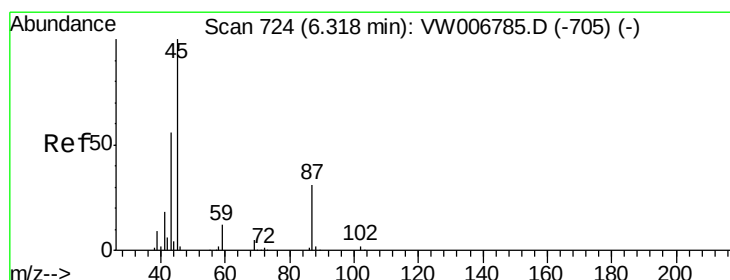
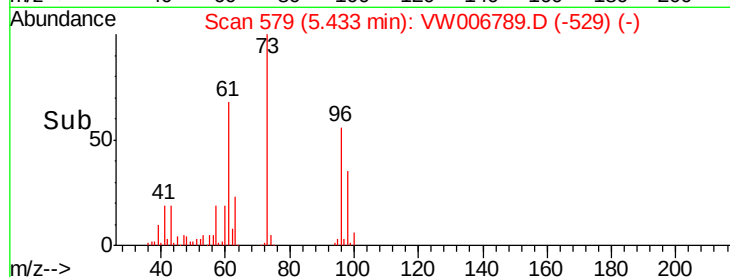
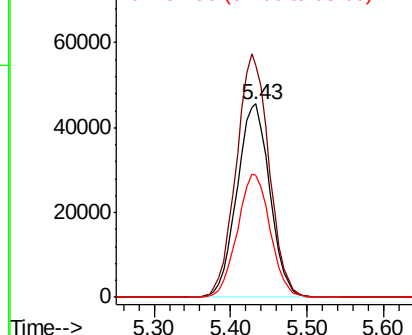


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 46.728 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Tgt Ion: 45 Resp: 325373

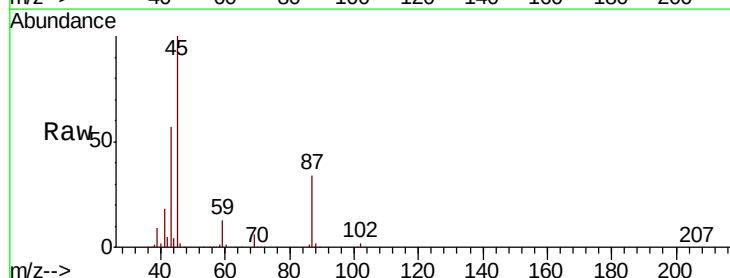
Ion Ratio Lower Upper

45 100

43 56.8 44.6 66.8

87 34.1 25.5 38.3

59 12.7 9.7 14.5



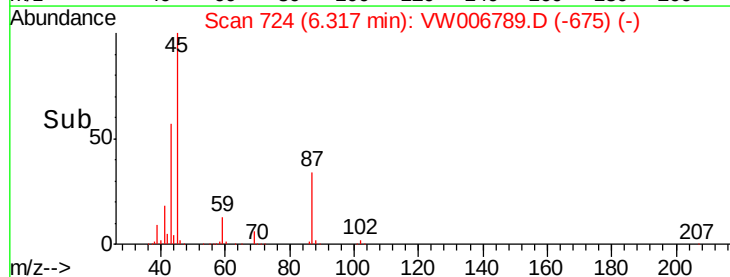
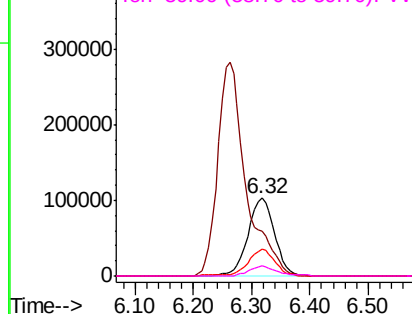
Abundance

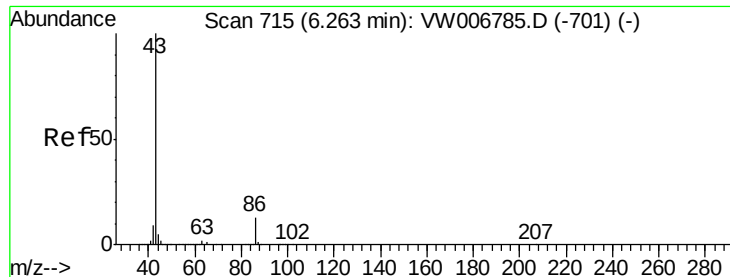
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 239.070 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

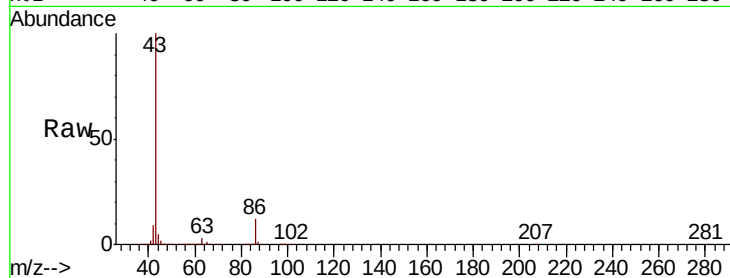
ICVWV110918

Tot Ion: 43 Resp: 949415

Ion Ratio Lower Upper

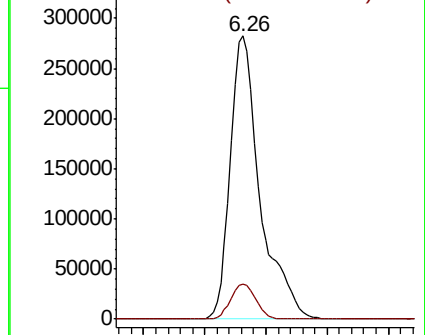
43 100

86 12.4 10.0 15.0

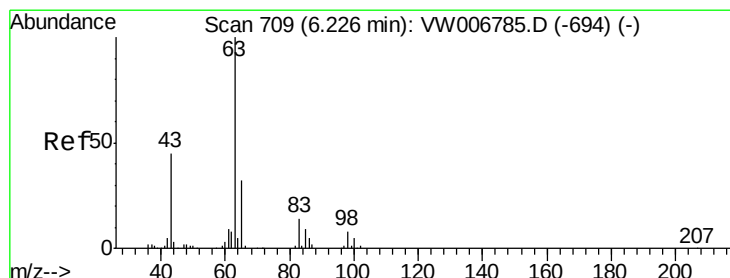
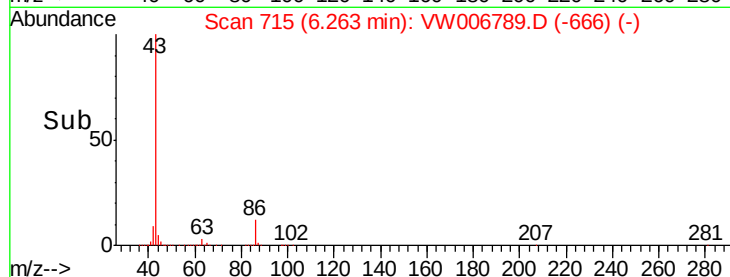


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 46.220 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

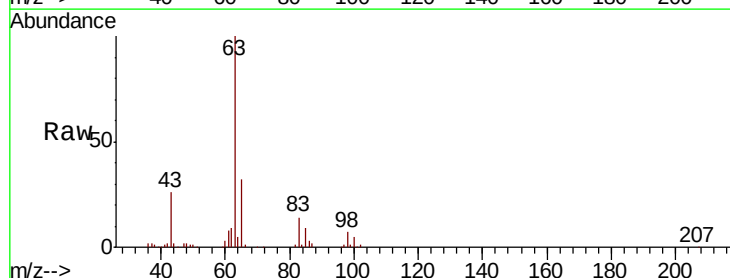
Tgt Ion: 63 Resp: 210534

Ion Ratio Lower Upper

63 100

98 7.3 4.0 12.2

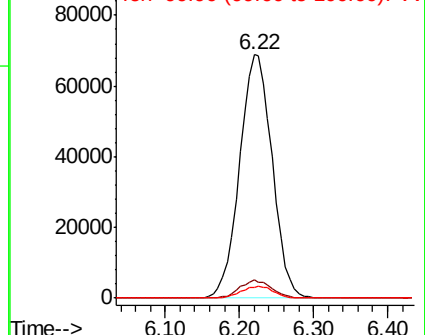
100 4.6 2.3 6.9



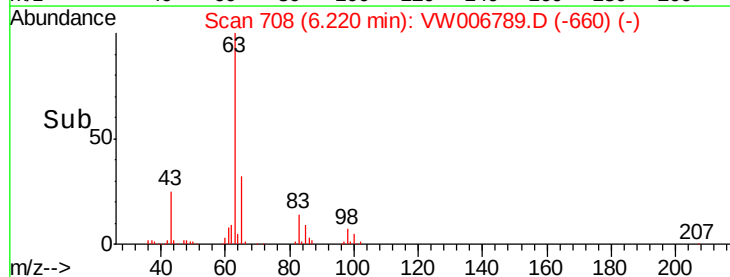
Abundance Ion 62.90 (62.60 to 63.60): VW

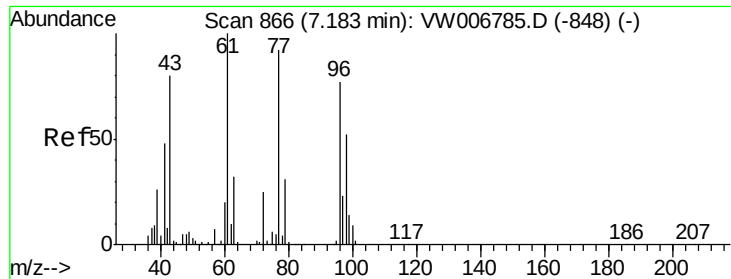
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 225.223 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

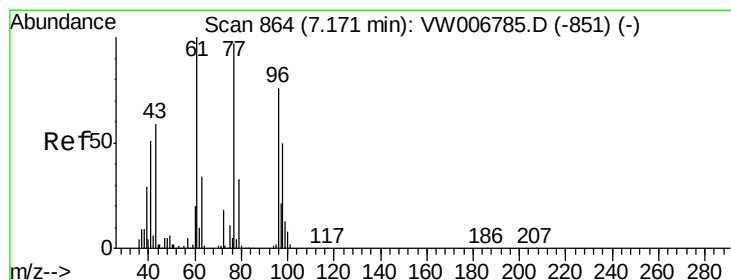
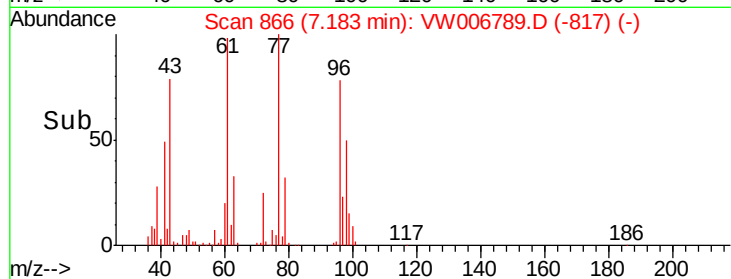
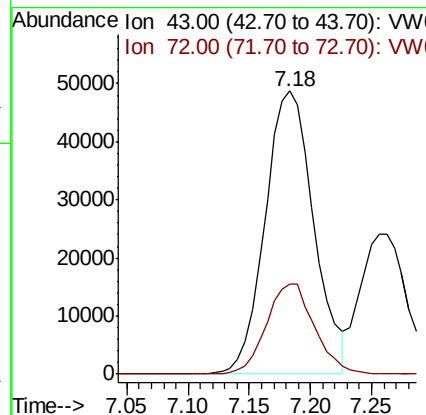
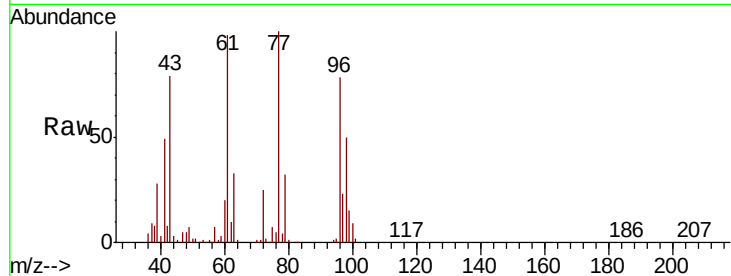
ICVWV110918

Tot Ion: 43 Resp: 135357

Ion Ratio Lower Upper

43 100

72 31.8 24.5 36.7



#26

2,2-Dichloropropane

Concen: 47.602 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006789.D

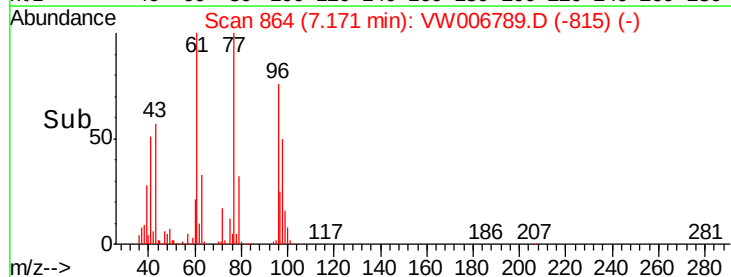
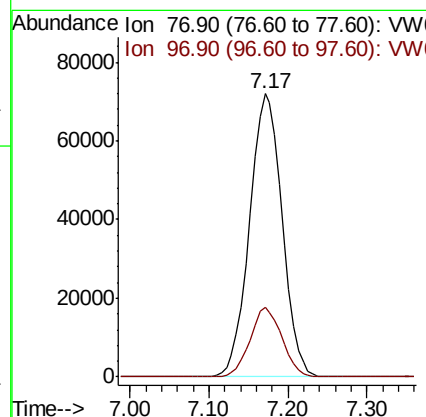
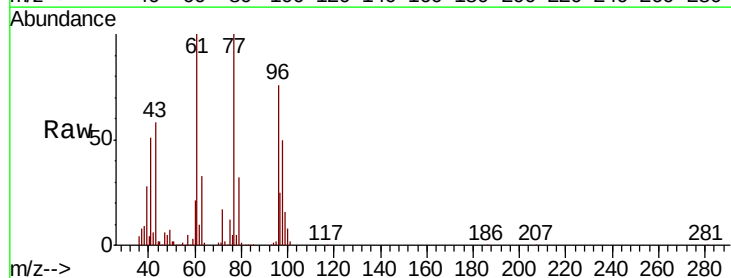
Acq: 09 Nov 2018 16:25

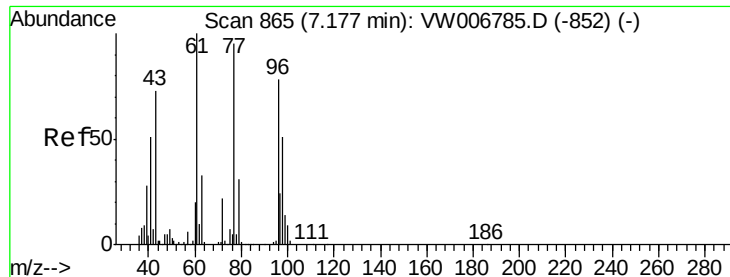
Tgt Ion: 77 Resp: 206586

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.5



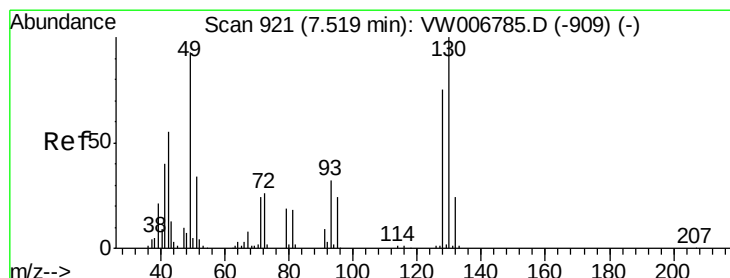
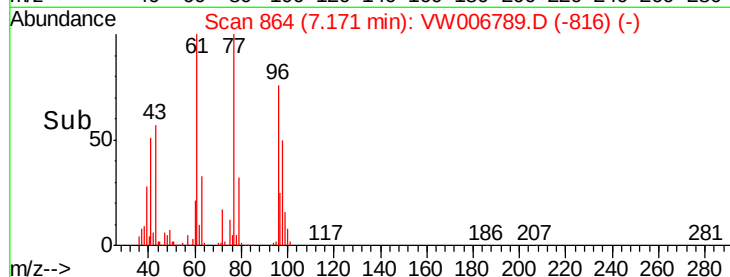
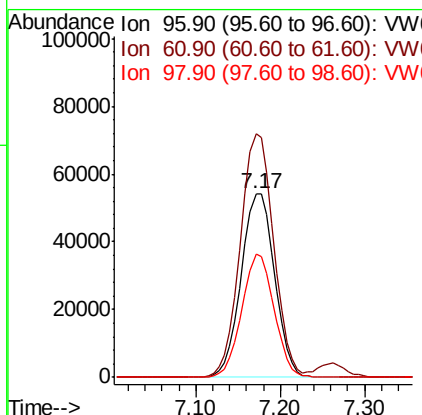
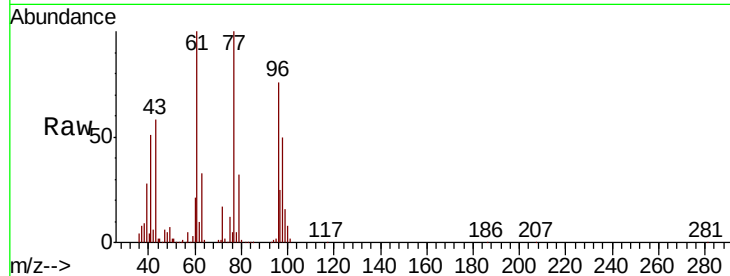


#27

cis-1,2-Dichloroethene
 Concen: 46.381 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

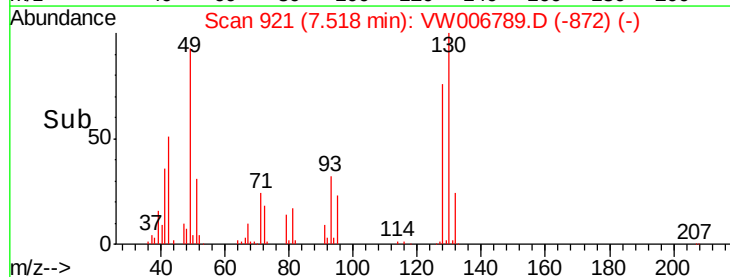
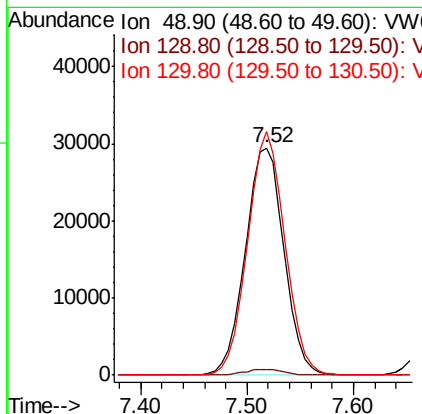
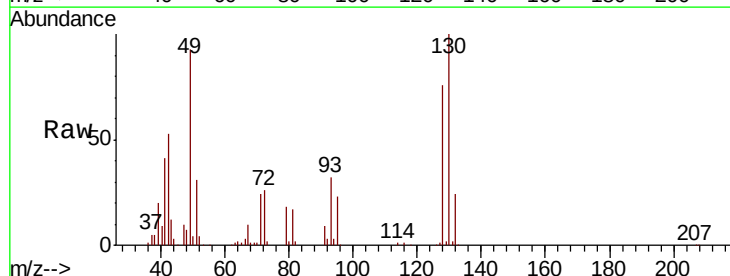
Tot Ion: 96 Resp: 145702
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 264.4
 98 64.6 0.0 130.0

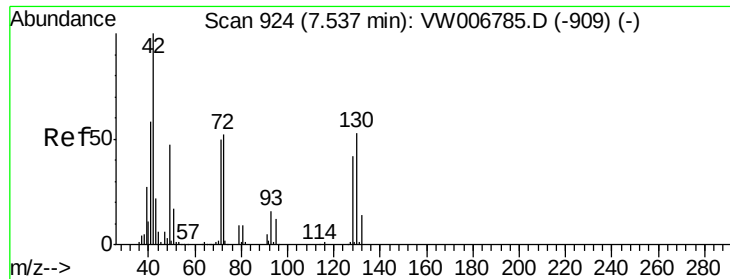


#28

Bromochloromethane
 Concen: 43.919 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion: 49 Resp: 74931
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 103.4 81.5 122.3

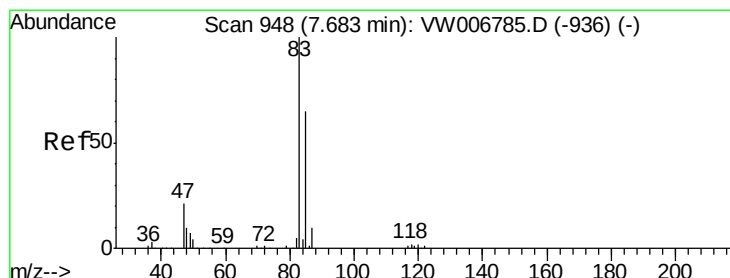
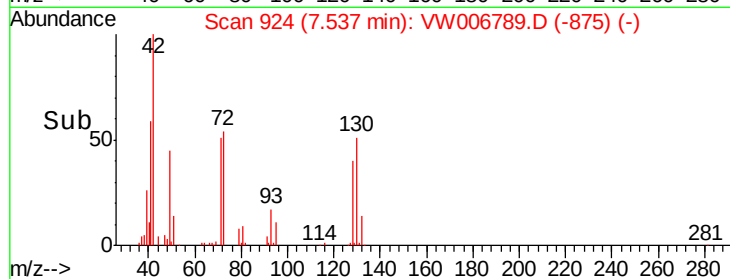
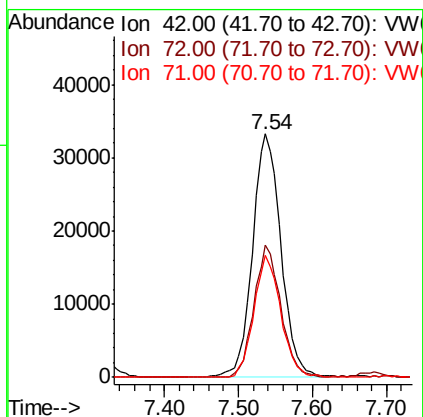
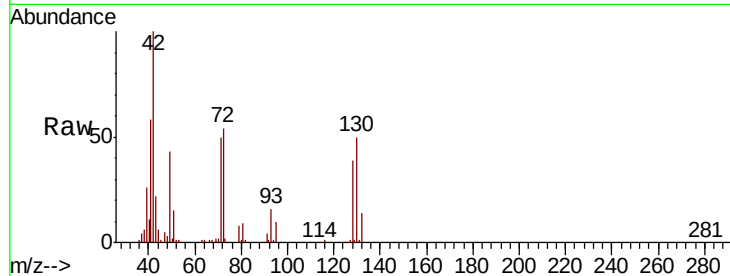




#29
Tetrahydrofuran
Concen: 226.410 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

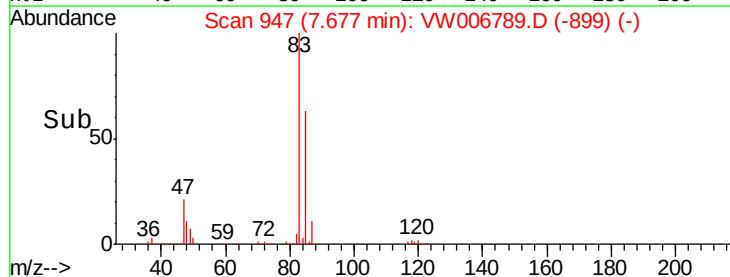
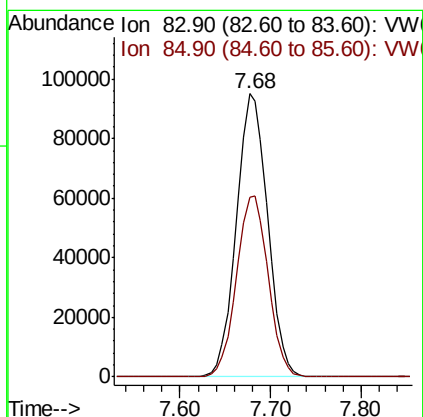
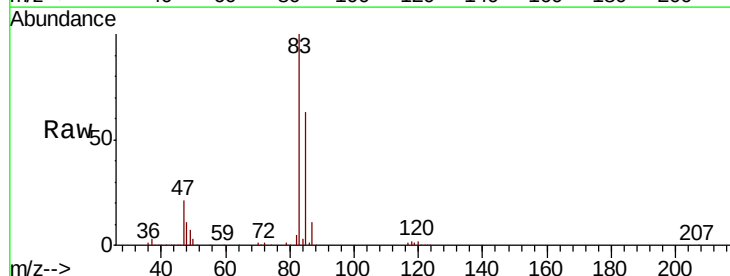
Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

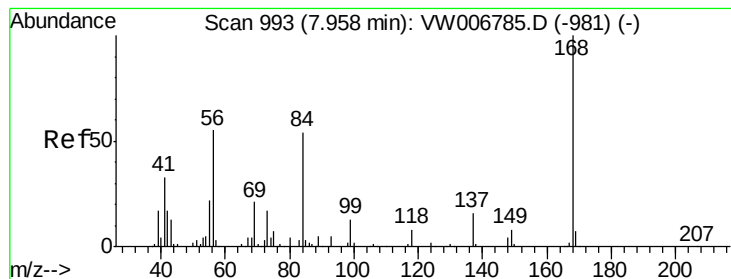
Tot Ion: 42 Resp: 89184
Ion Ratio Lower Upper
42 100
72 51.2 39.8 59.8
71 47.3 37.8 56.6



#30
Chloroform
Concen: 45.212 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion: 83 Resp: 228194
Ion Ratio Lower Upper
83 100
85 63.4 52.1 78.1





#31

Cyclohexane

Concen: 46.250 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

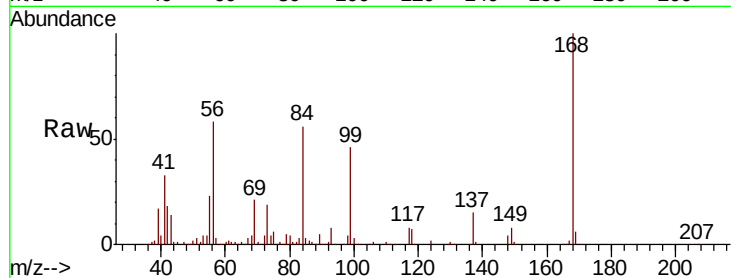
Tot Ion: 56 Resp: 216969

Ion Ratio Lower Upper

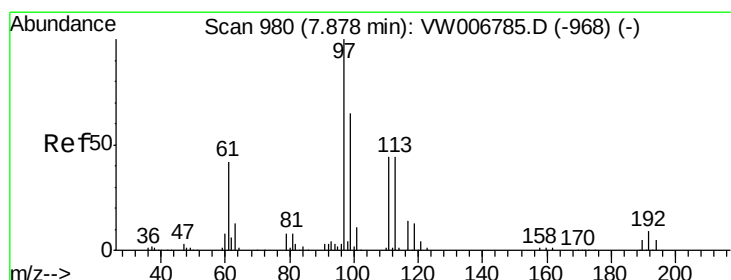
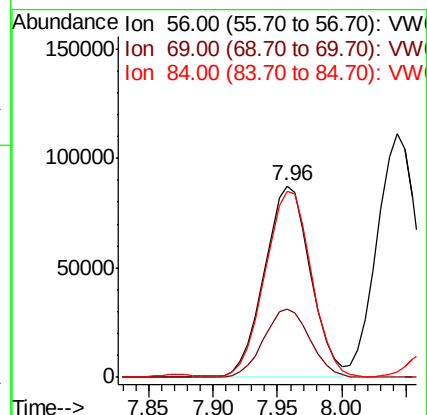
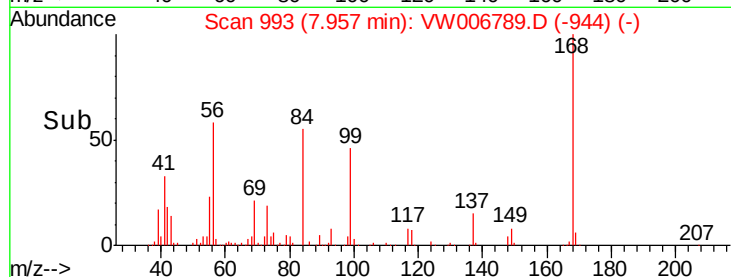
56 100

69 35.8 30.3 45.5

84 96.1 78.2 117.2



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 46.752 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

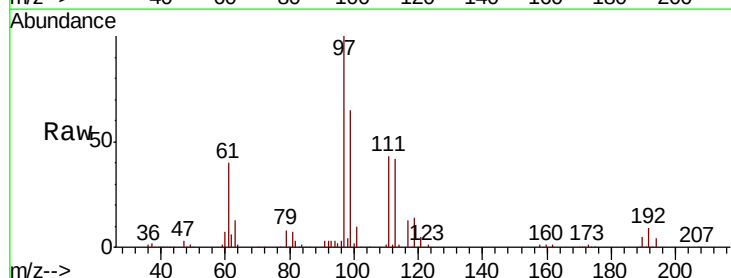
Tgt Ion: 97 Resp: 223945

Ion Ratio Lower Upper

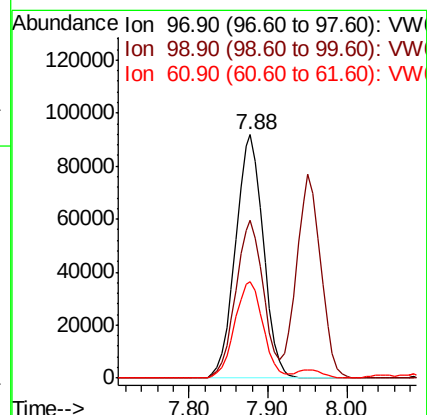
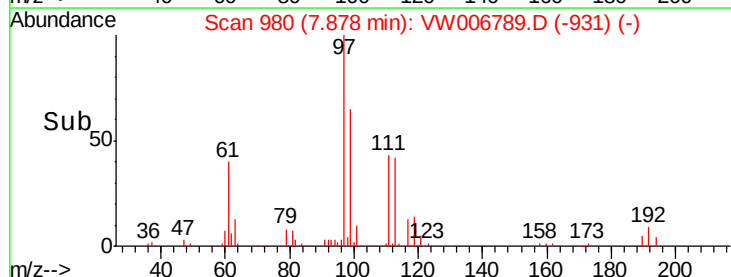
97 100

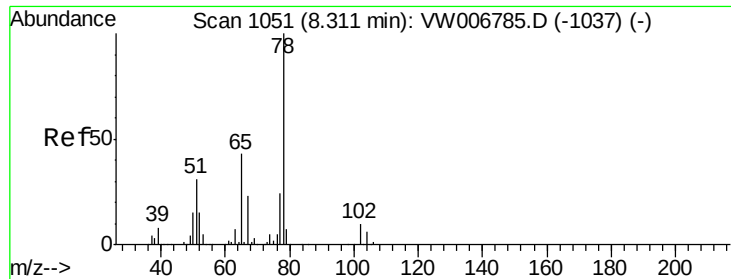
99 64.9 51.4 77.2

61 40.6 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

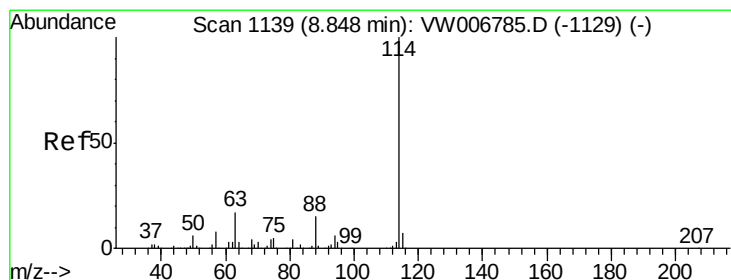
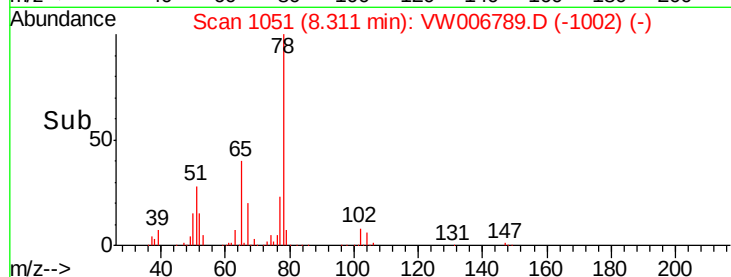
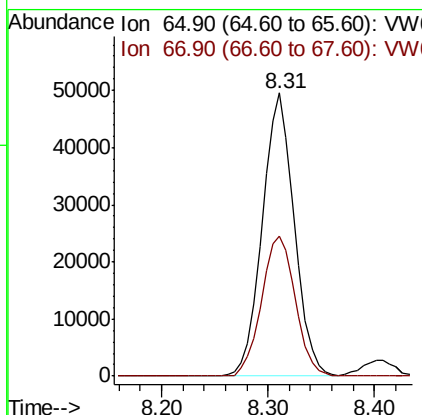
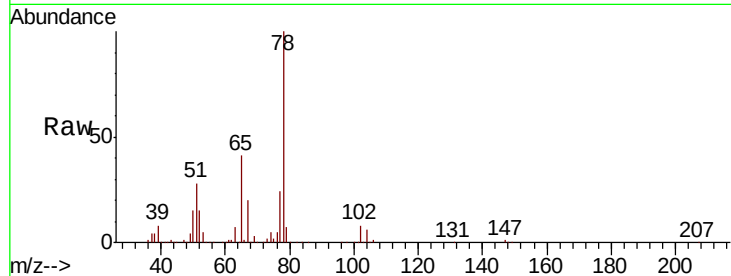




#33
 1,2-Dichloroethane-d4
 Concen: 41.317 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

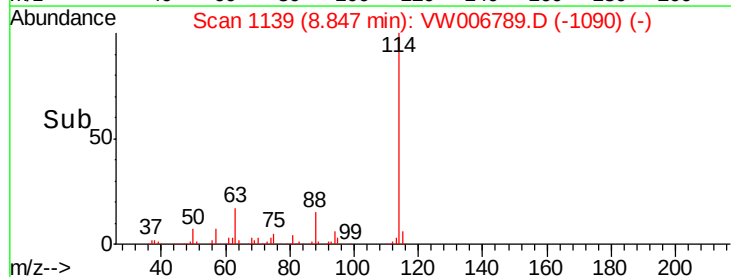
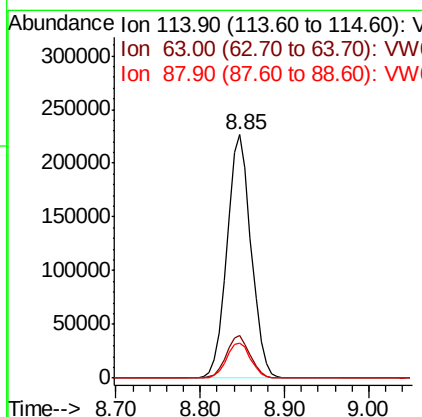
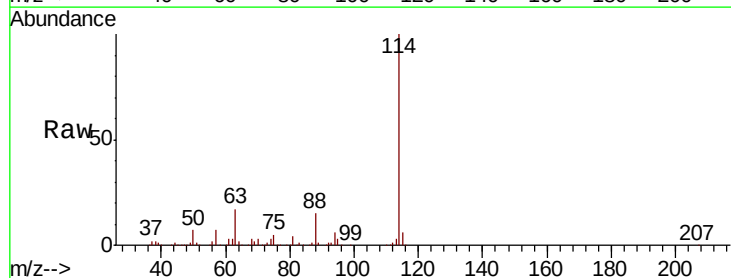
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

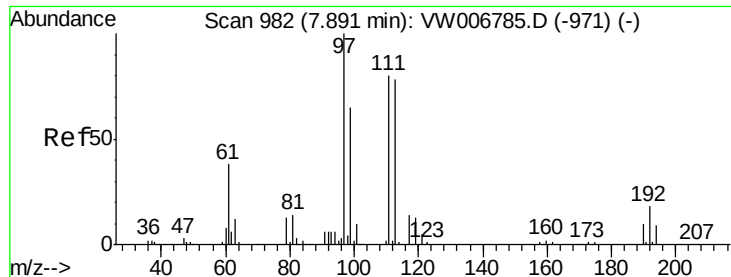
Tot Ion: 65 Resp: 103895
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion: 114 Resp: 439552
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.0
 88 14.5 0.0 29.2

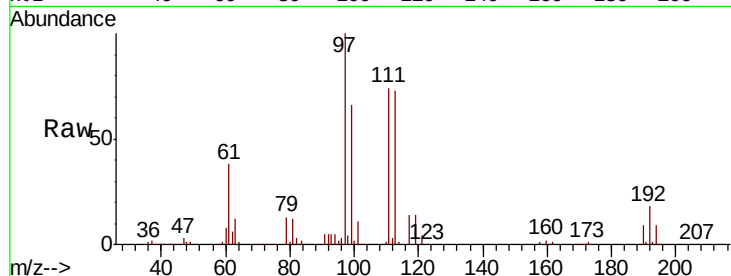




#35
 Dibromofluoromethane
 Concen: 44.370 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	23.7	19.1	28.7

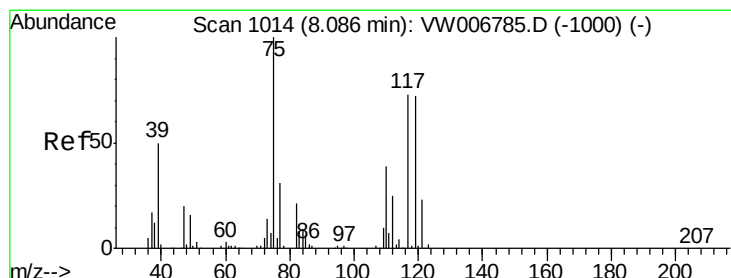
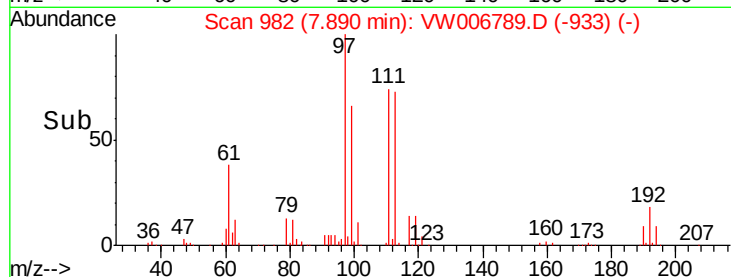
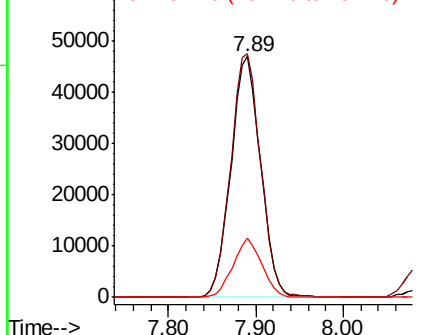


Abundance

Ion 112.80 (112.50 to 113.50): V

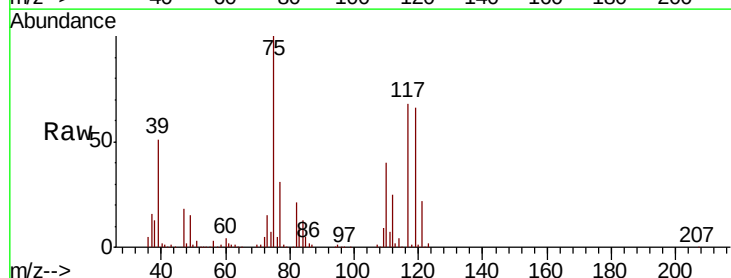
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 49.278 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.6	58.7
77	31.0	24.9	37.3

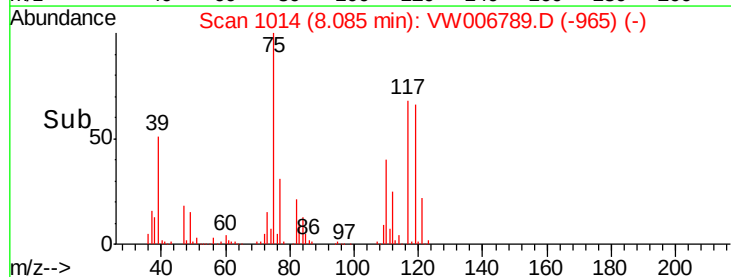
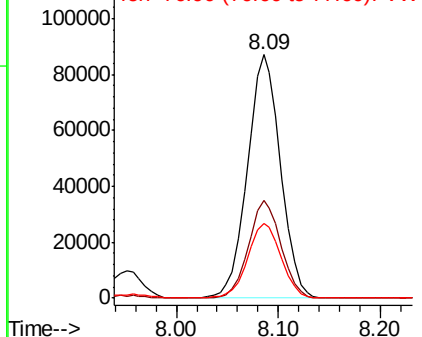


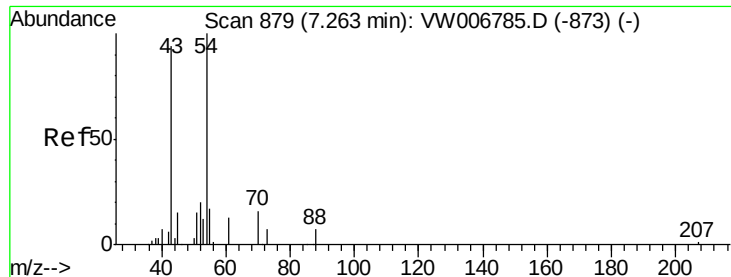
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

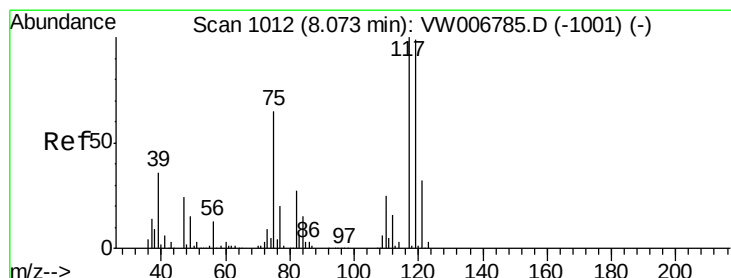
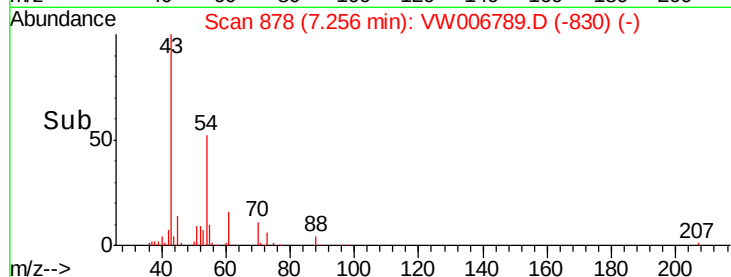
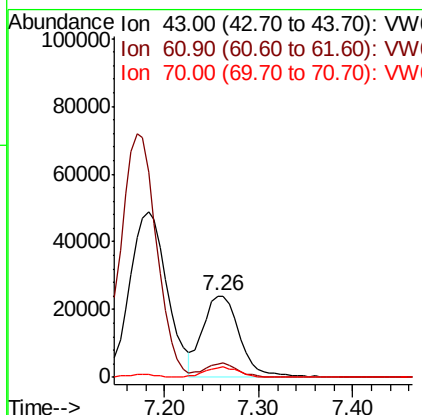
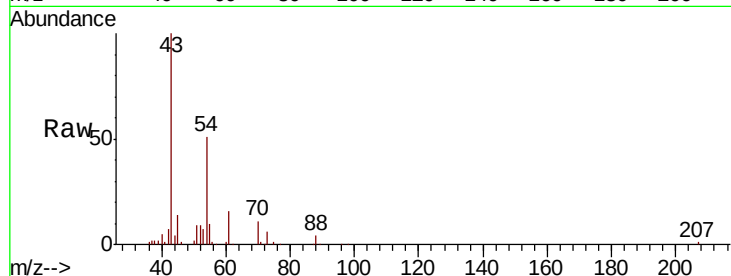




#37
Ethyl Acetate
Concen: 45.884 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

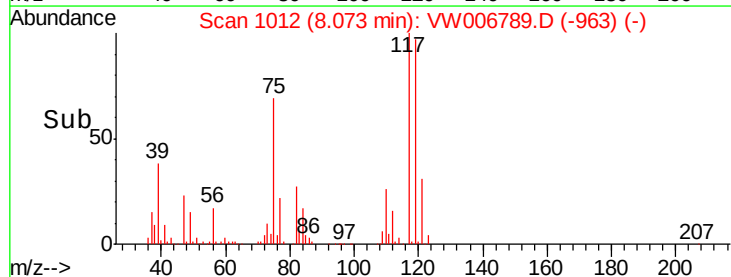
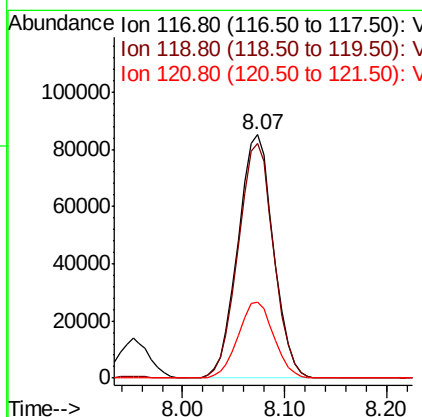
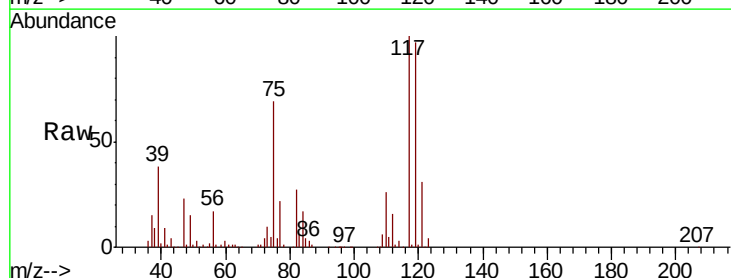
Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

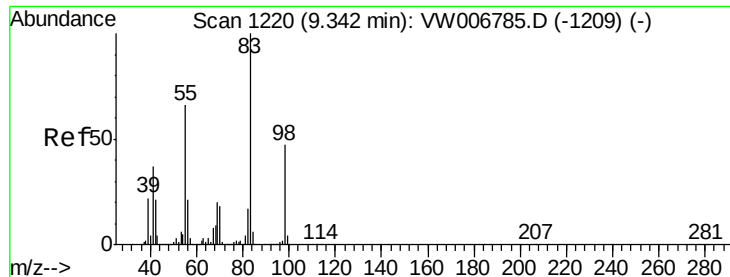
Tot Ion: 43 Resp: 64993
Ion Ratio Lower Upper
43 100
61 14.6 12.2 18.2
70 12.0 9.8 14.8



#38
Carbon Tetrachloride
Concen: 48.430 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion: 117 Resp: 206388
Ion Ratio Lower Upper
117 100
119 96.6 78.9 118.3
121 31.0 25.3 37.9

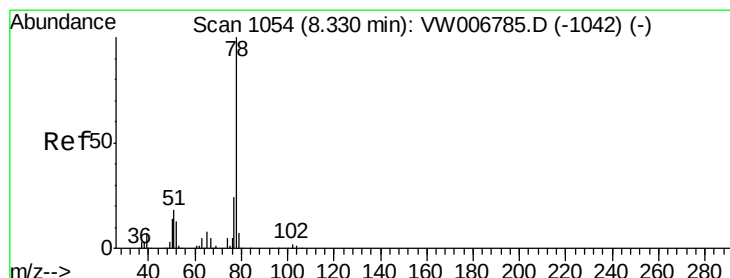
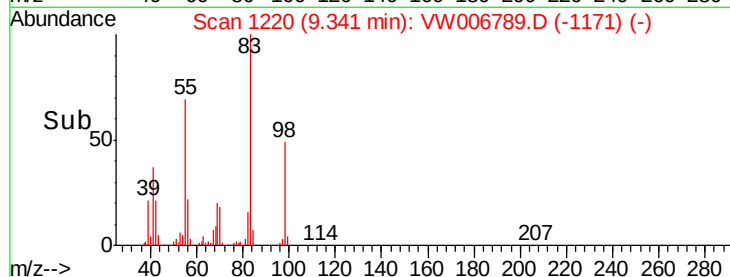
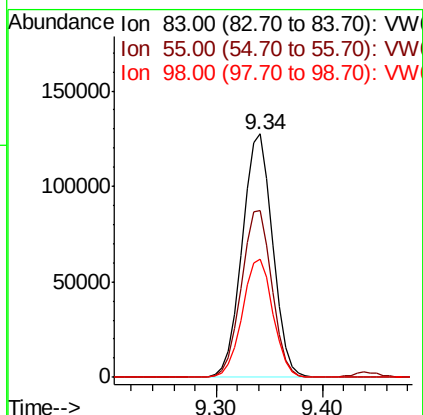
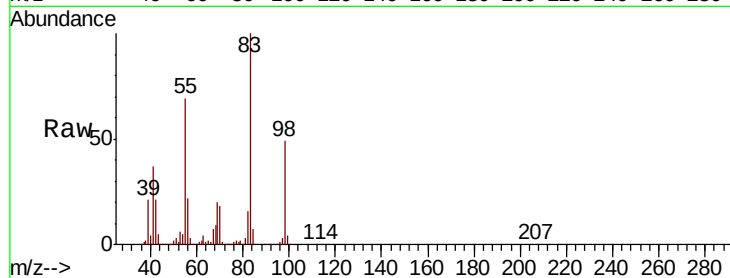




#39
Methylvlcyclohexane
Concen: 50.607 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

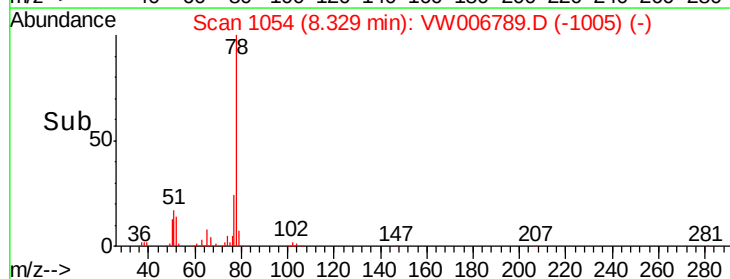
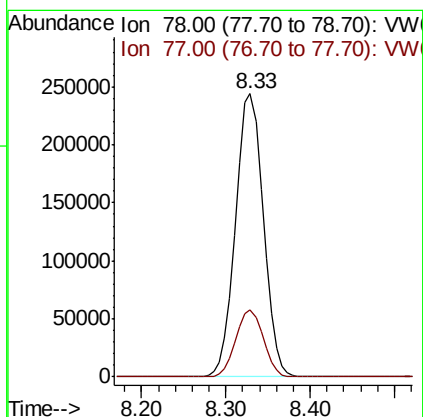
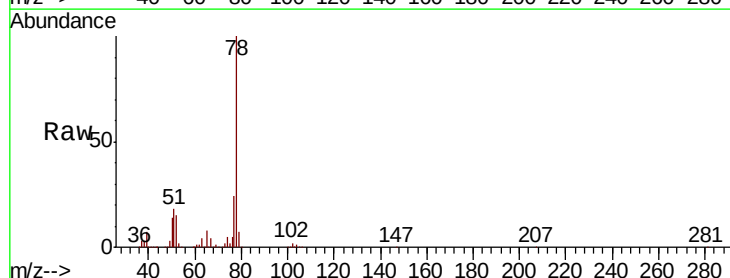
Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

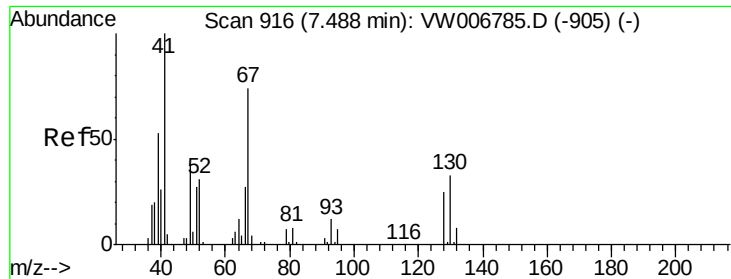
Tot Ion: 83 Resp: 256996
Ion Ratio Lower Upper
83 100
55 68.8 53.0 79.4
98 48.7 37.9 56.9



#40
Benzene
Concen: 48.277 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion: 78 Resp: 543736
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2

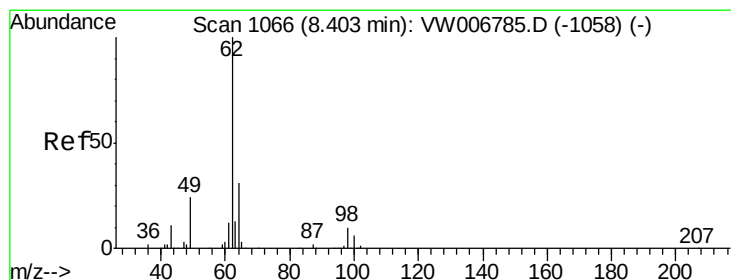
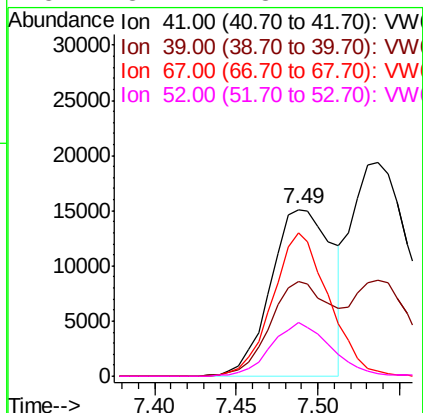
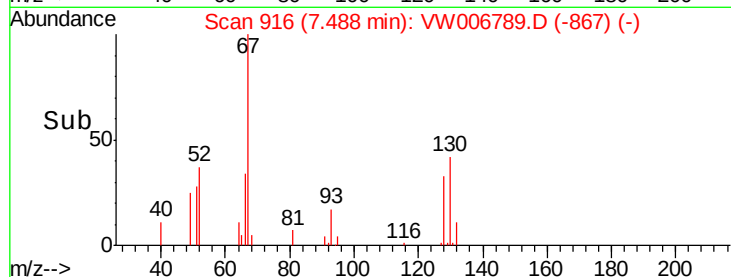
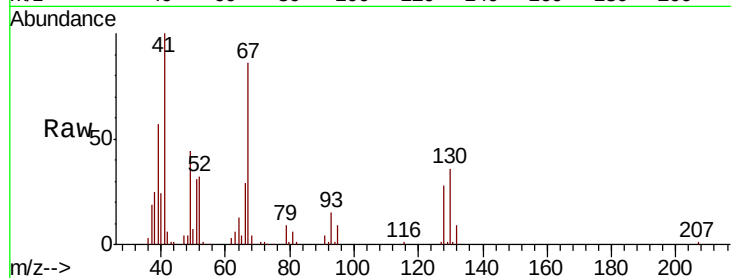




#41
Methacrylonitrile
Concen: 48.464 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

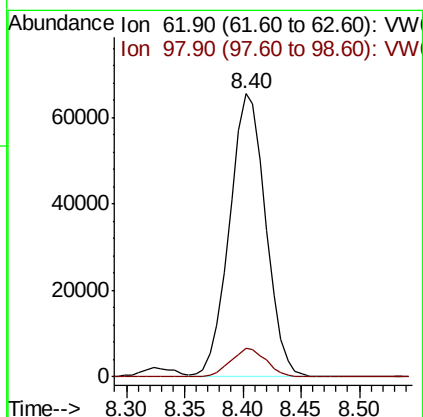
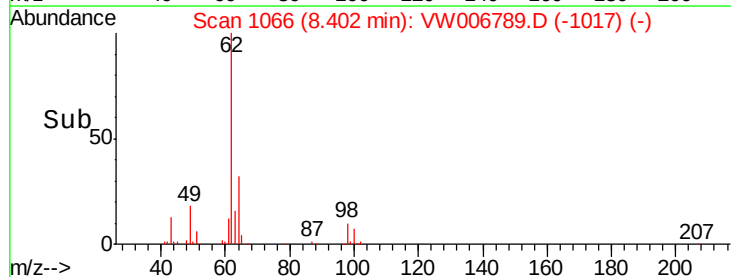
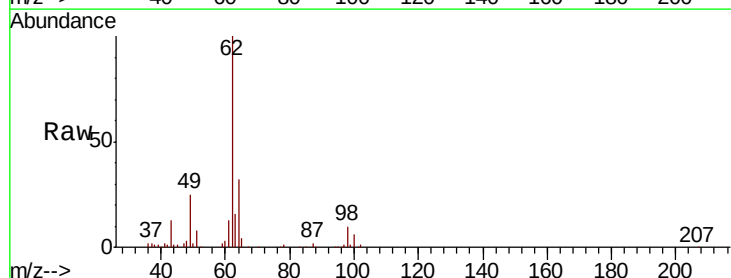
Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

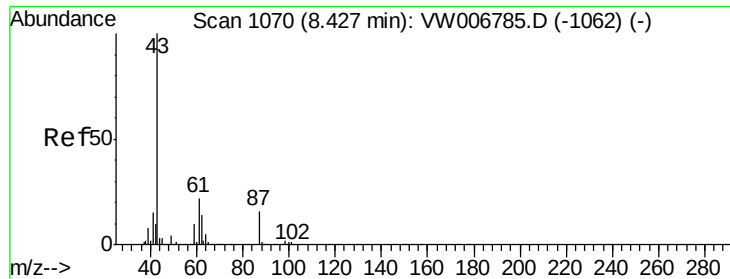
Tot Ion: 41 Resp: 39826
Ion Ratio Lower Upper
41 100
39 55.7 49.3 73.9
67 78.4 69.3 103.9
52 31.1 28.2 42.4



#42
1,2-Dichloroethane
Concen: 46.382 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion: 62 Resp: 142196
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43

Isopropyl Acetate

Concen: 47.119 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

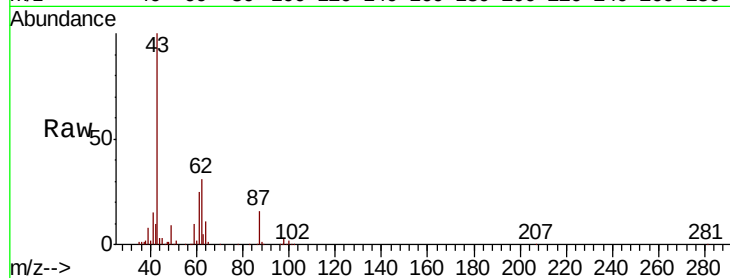
Tot Ion: 43 Resp: 125120

Ion Ratio Lower Upper

43 100

61 33.2 26.5 39.7

87 15.6 12.8 19.2

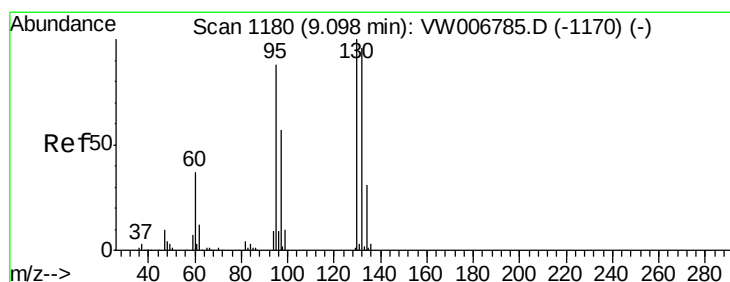
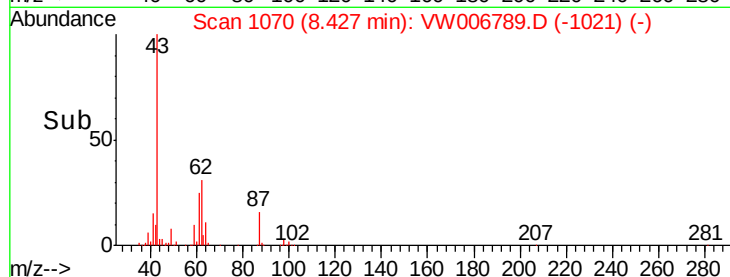
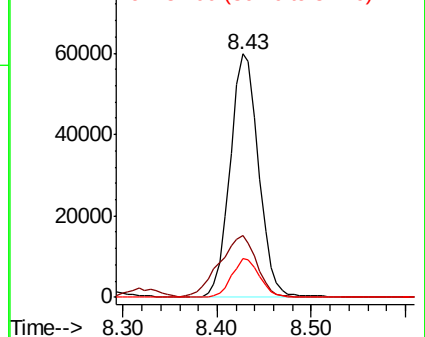


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 48.025 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006789.D

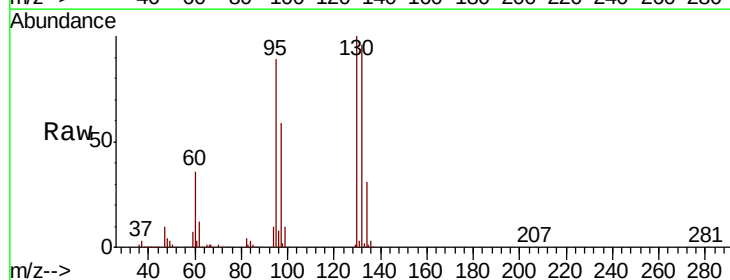
Acq: 09 Nov 2018 16:25

Tgt Ion:130 Resp: 166305

Ion Ratio Lower Upper

130 100

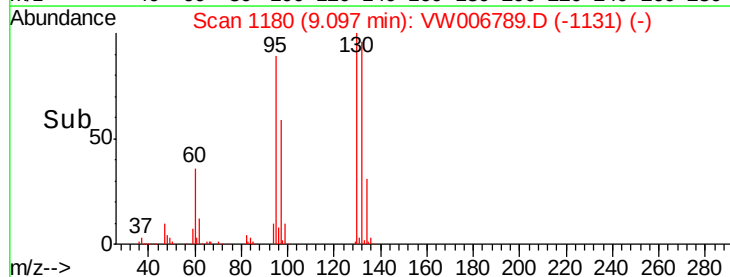
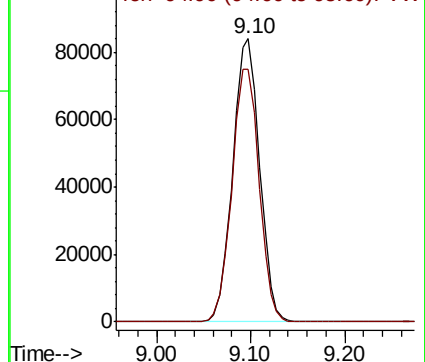
95 89.4 0.0 175.0

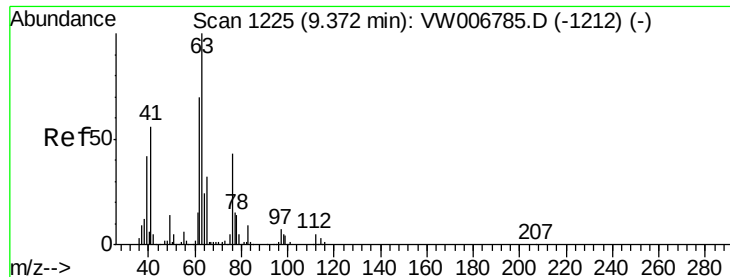


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 46.543 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

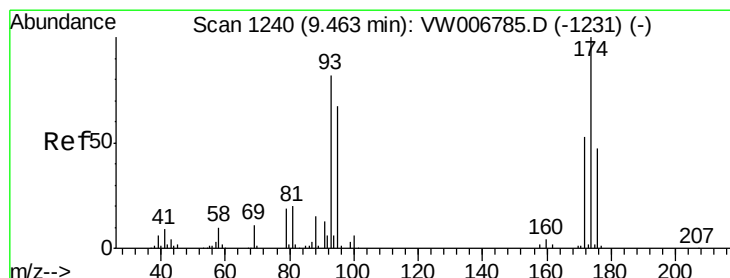
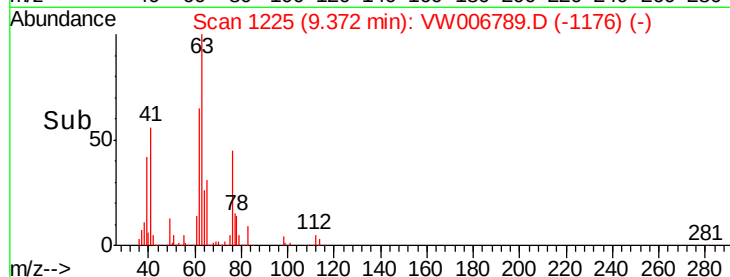
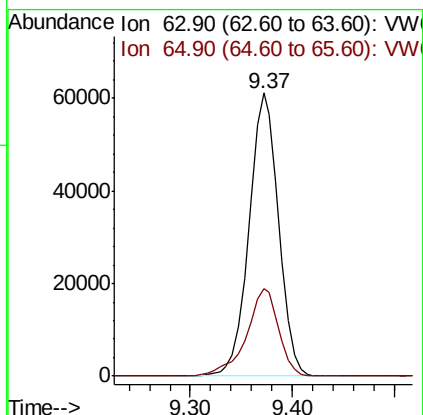
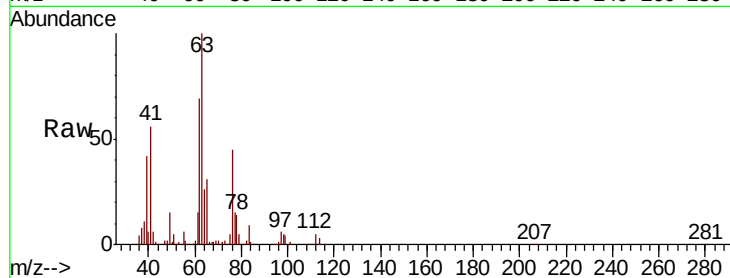
ICVWV110918

Tot Ion: 63 Resp: 123115

Ion Ratio Lower Upper

63 100

65 31.0 25.5 38.3



#46

Dibromomethane

Concen: 45.851 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

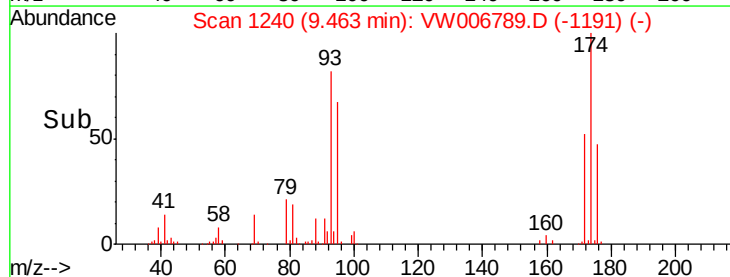
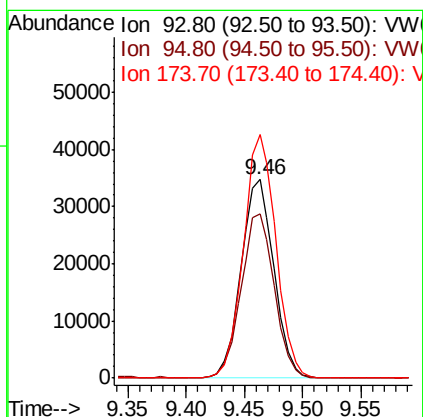
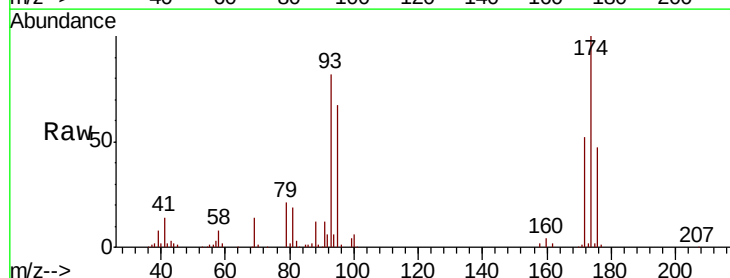
Tgt Ion: 93 Resp: 68093

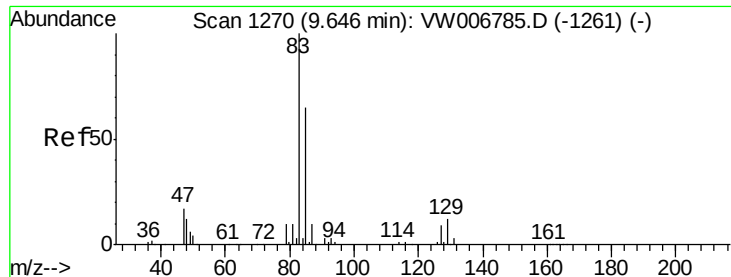
Ion Ratio Lower Upper

93 100

95 83.6 65.4 98.0

174 121.4 96.4 144.6

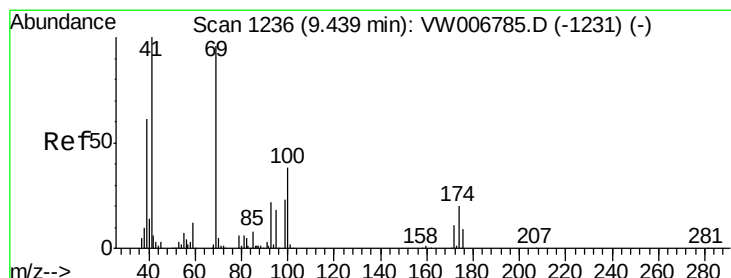
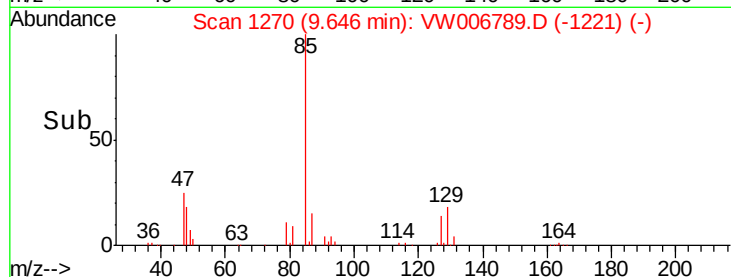
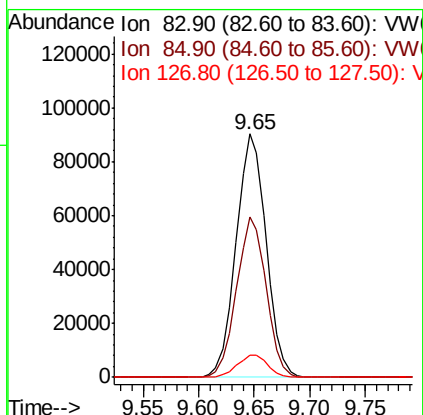
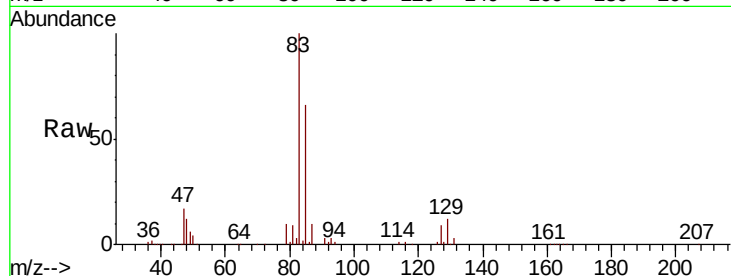




#47
 Bromodichloromethane
 Concen: 46.774 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

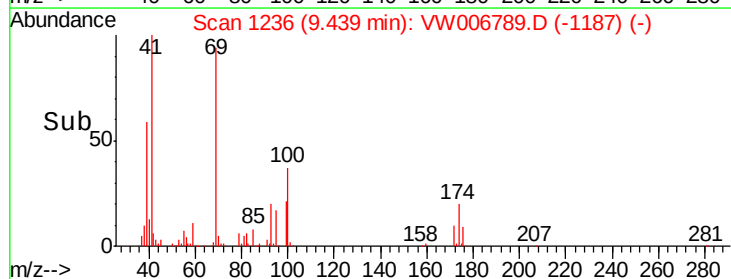
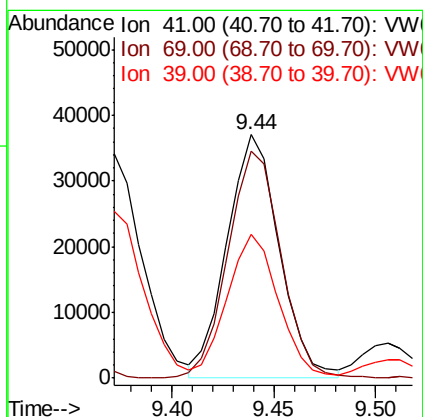
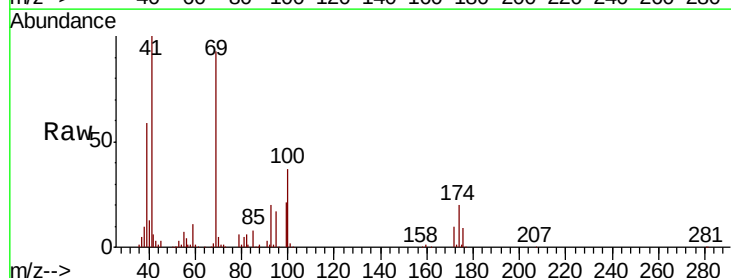
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

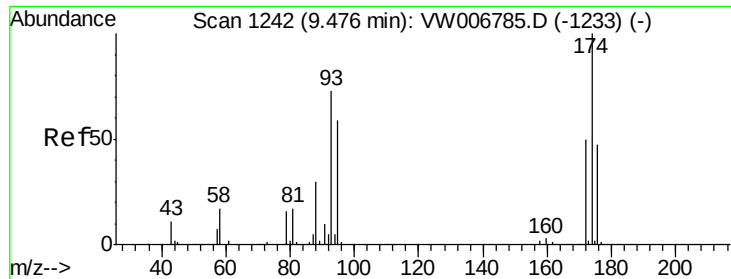
Tot Ion: 83 Resp: 168558
 Ion Ratio Lower Upper
 83 100
 85 65.8 51.6 77.4
 127 9.2 7.4 11.2



#48
 Methyl methacrylate
 Concen: 52.584 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion: 41 Resp: 65761
 Ion Ratio Lower Upper
 41 100
 69 95.1 81.5 122.3
 39 55.2 48.0 72.0





#49

1,4-Dioxane

Concen: 1023.857 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

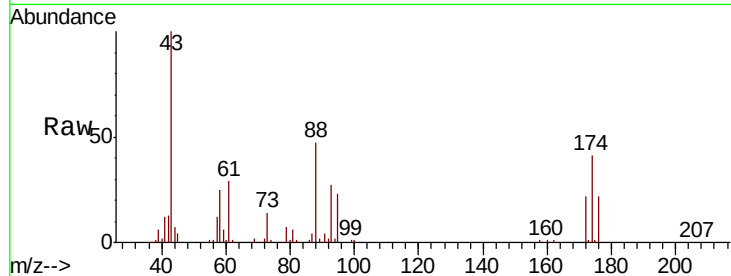
Tot Ion: 88 Resp: 22764

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

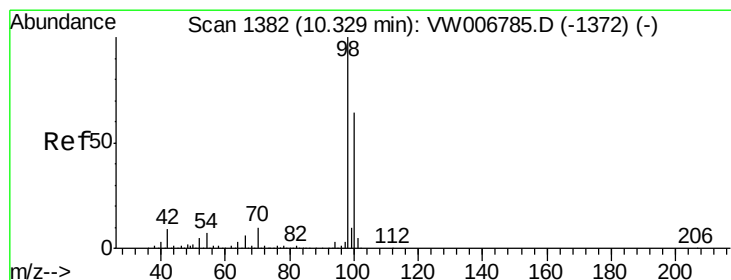
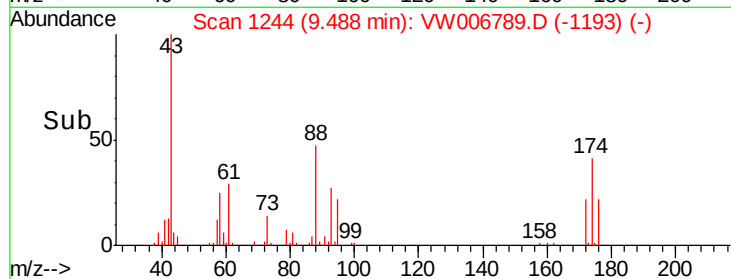
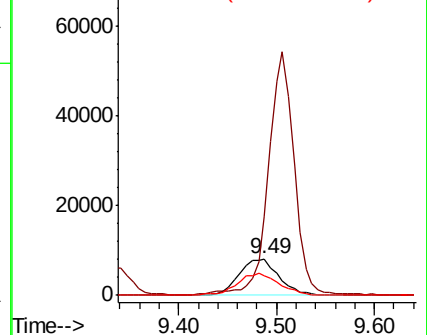
58 63.3 53.7 80.5



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 46.070 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006789.D

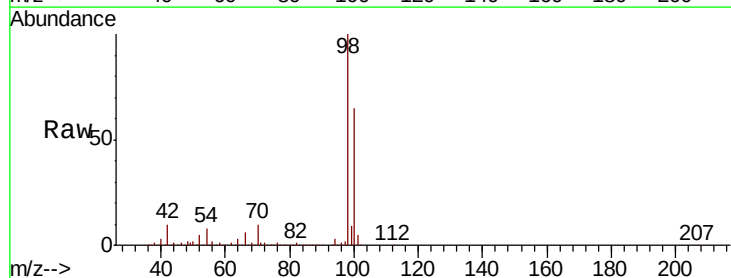
Acq: 09 Nov 2018 16:25

Tgt Ion: 98 Resp: 485084

Ion Ratio Lower Upper

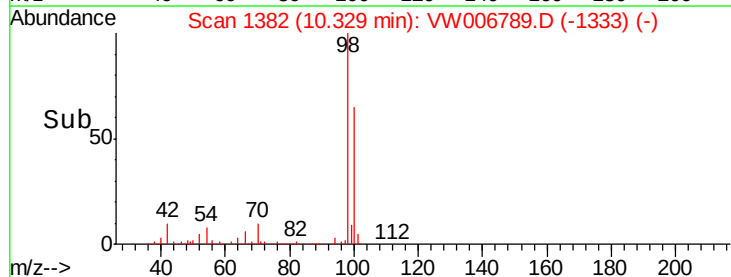
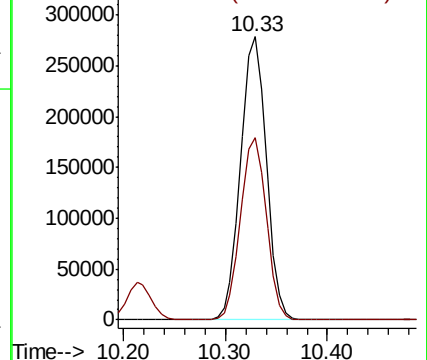
98 100

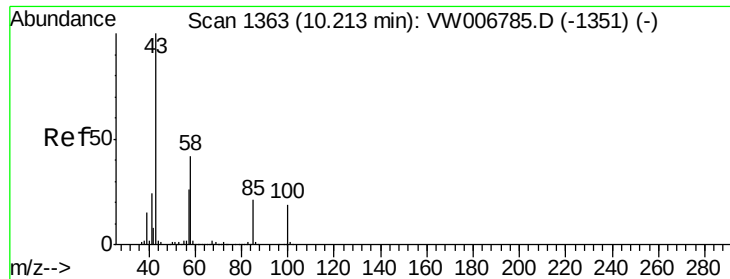
100 64.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 240.739 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

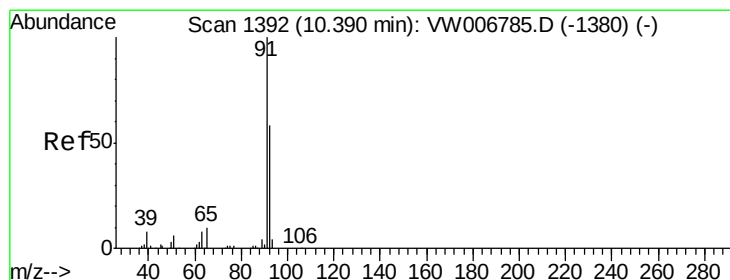
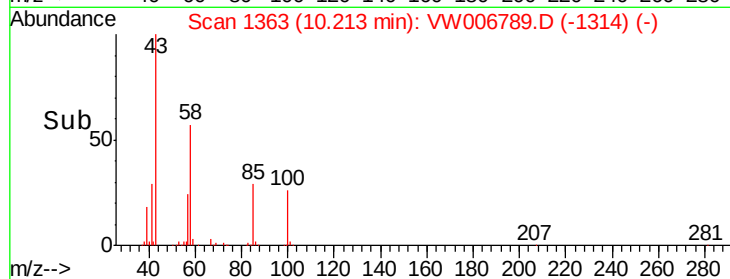
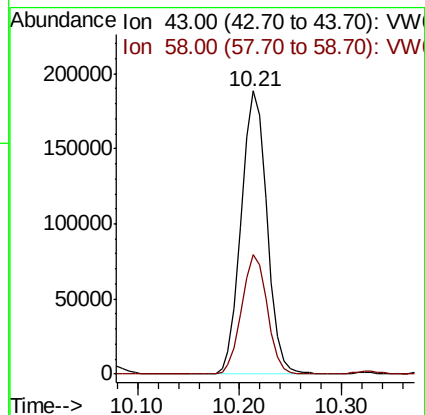
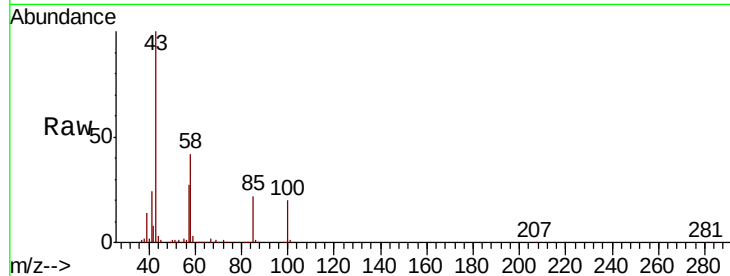
ICVW110918

Tot Ion: 43 Resp: 328429

Ion Ratio Lower Upper

43 100

58 42.1 33.2 49.8



#52

Toluene

Concen: 50.520 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006789.D

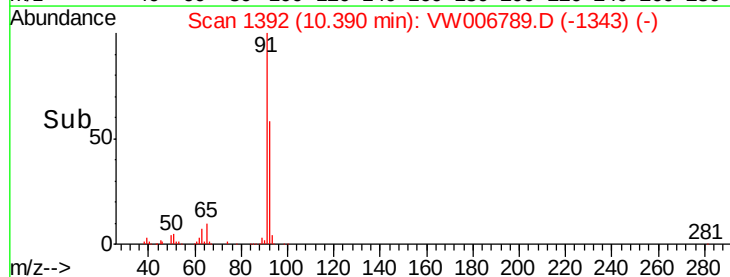
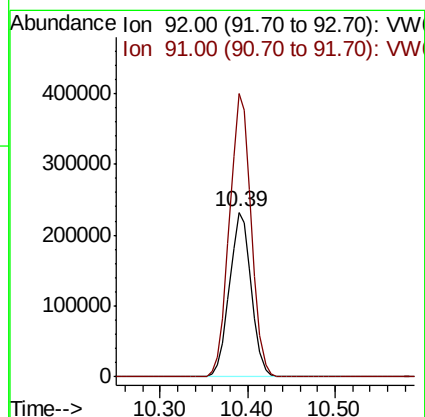
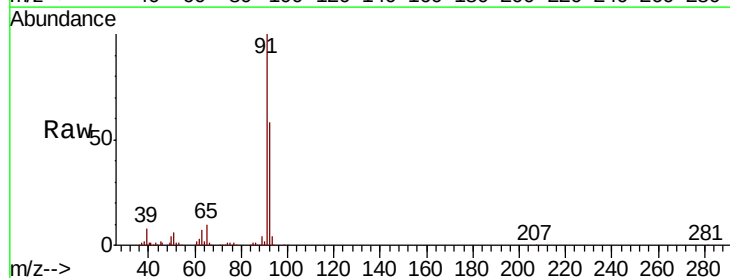
Acq: 09 Nov 2018 16:25

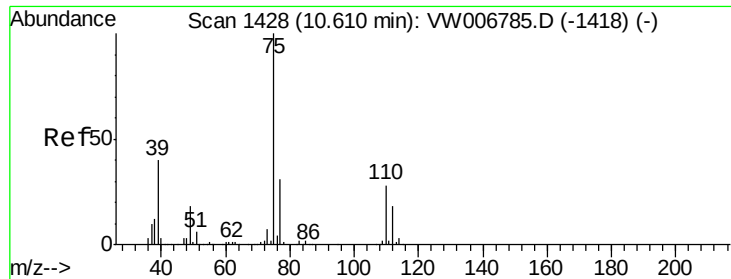
Tgt Ion: 92 Resp: 400038

Ion Ratio Lower Upper

92 100

91 172.2 138.6 207.8

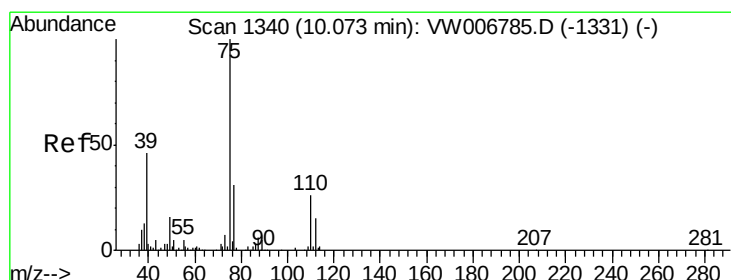
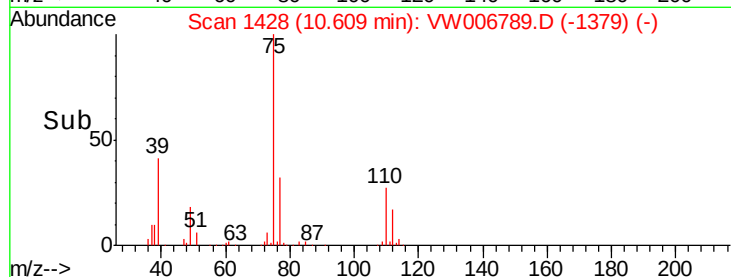
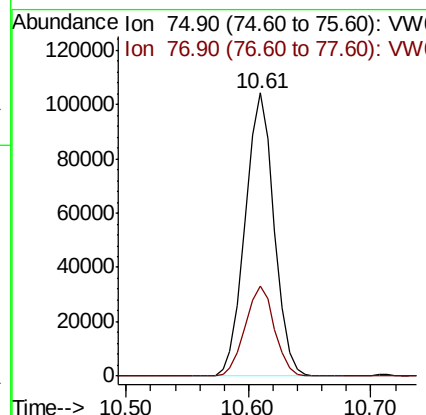
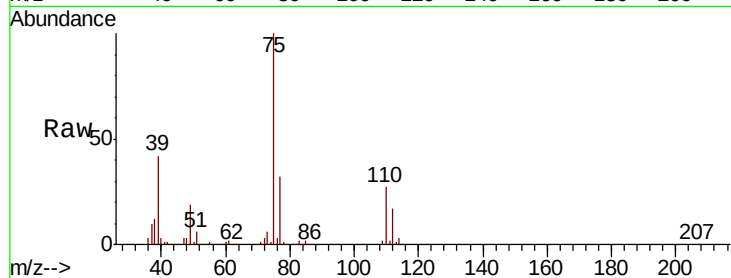




#53
t-1,3-Dichloropropene
Concen: 48.826 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

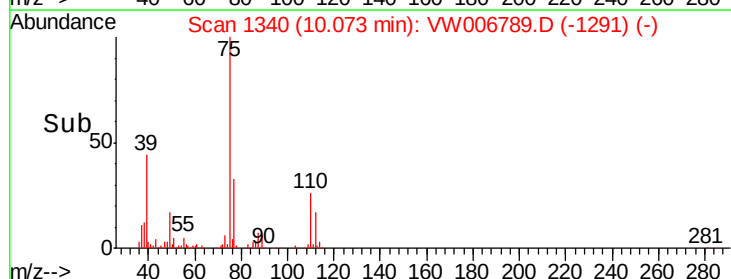
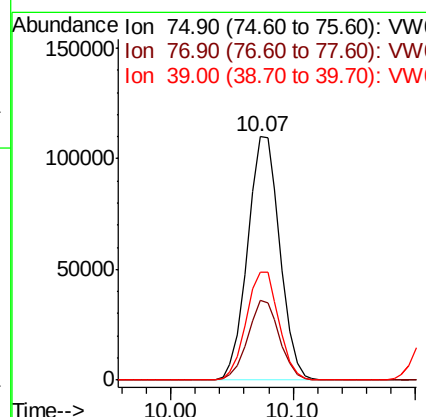
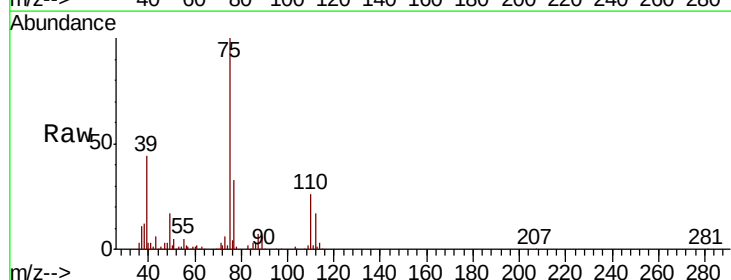
Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

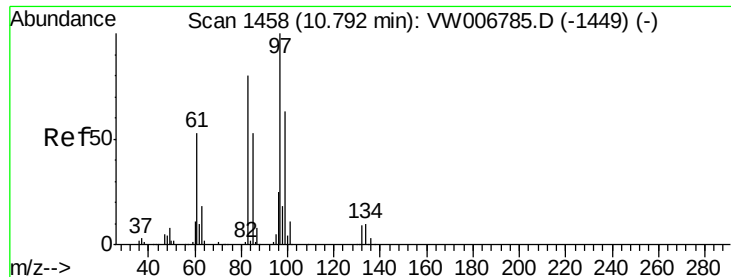
Tot Ion: 75 Resp: 170616
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 48.641 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion: 75 Resp: 201522
Ion Ratio Lower Upper
75 100
77 32.9 24.6 37.0
39 44.4 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 46.472 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

Tot Ion: 97 Resp: 101671

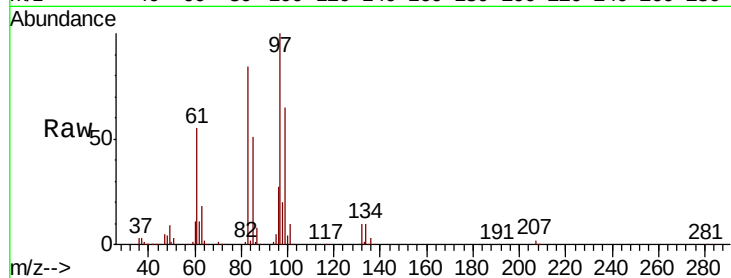
Ion Ratio Lower Upper

97 100

83 83.9 64.4 96.6

85 51.5 42.6 63.8

99 64.6 50.2 75.2

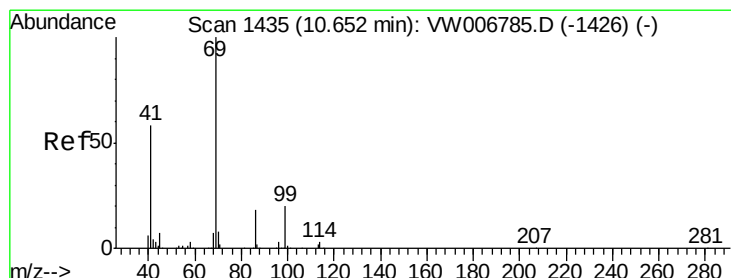
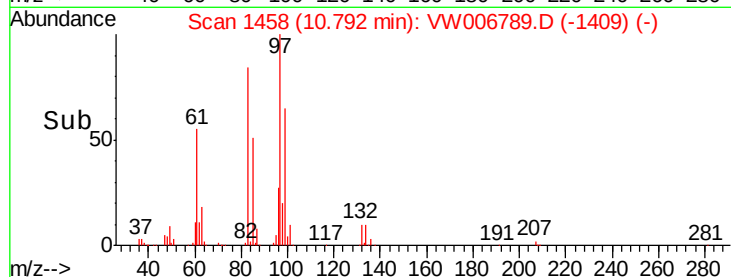
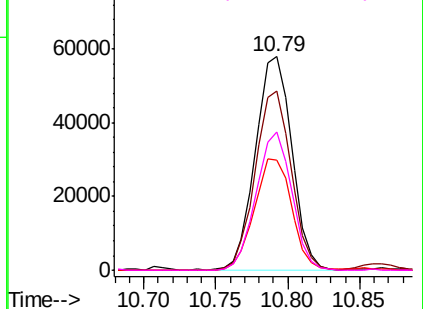


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 51.774 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

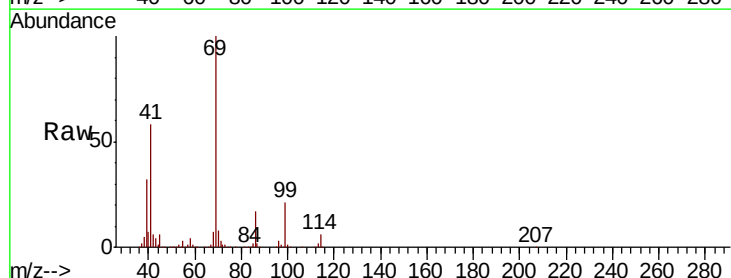
Tgt Ion: 69 Resp: 125081

Ion Ratio Lower Upper

69 100

41 59.2 47.2 70.8

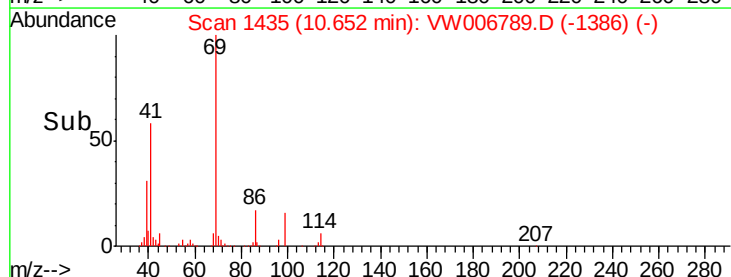
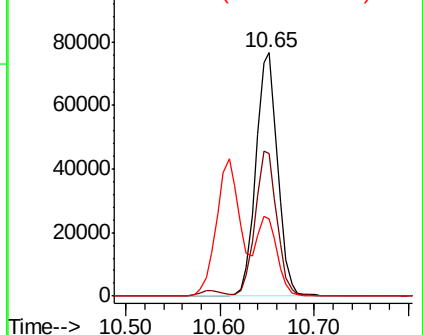
39 29.2 23.4 35.0

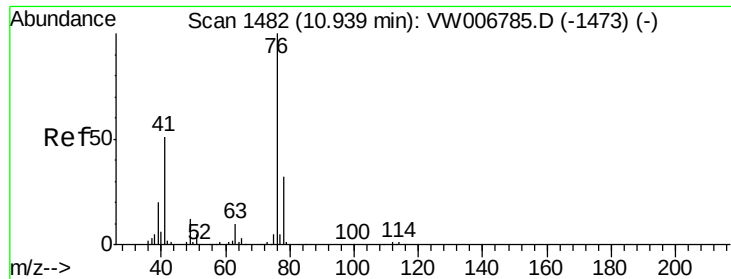


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 46.706 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

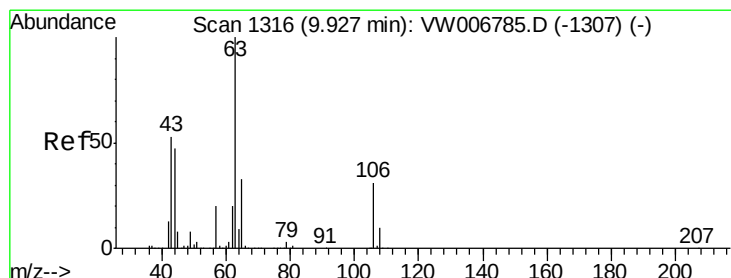
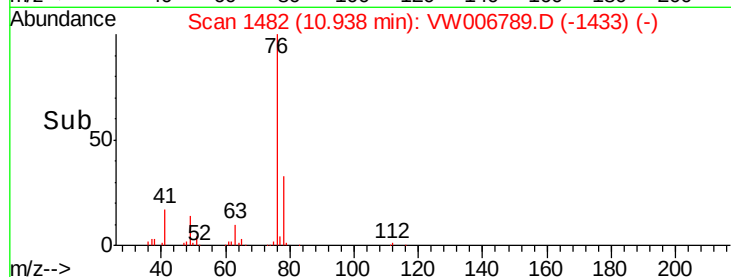
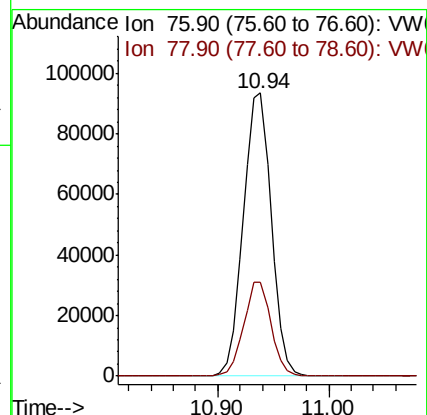
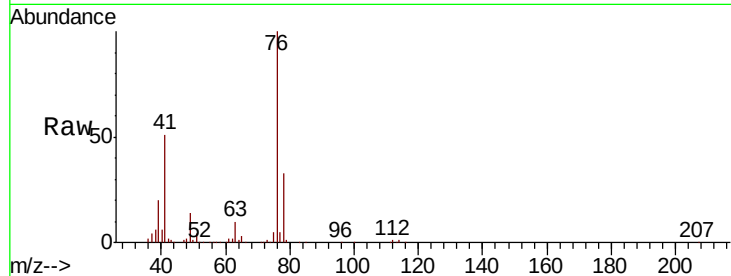
ICVWV110918

Tot Ion: 76 Resp: 163352

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 230.965 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006789.D

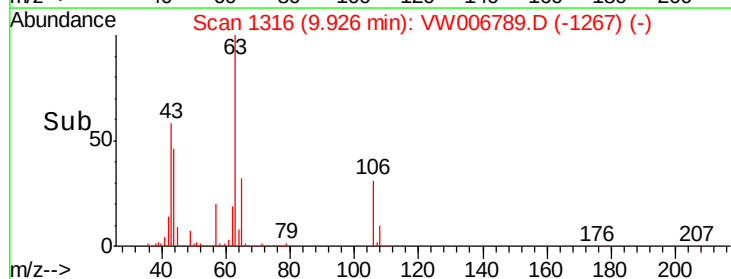
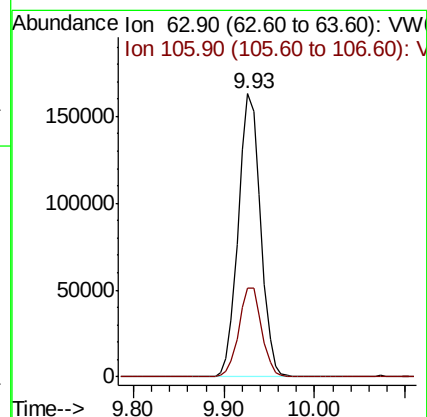
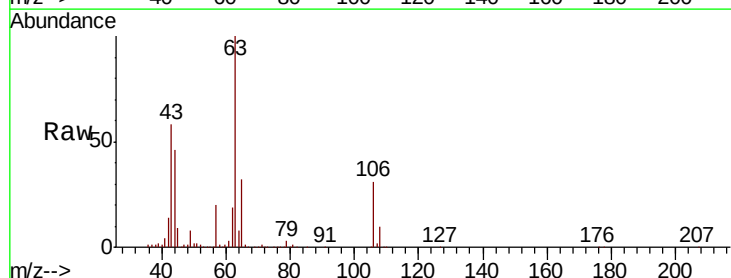
Acq: 09 Nov 2018 16:25

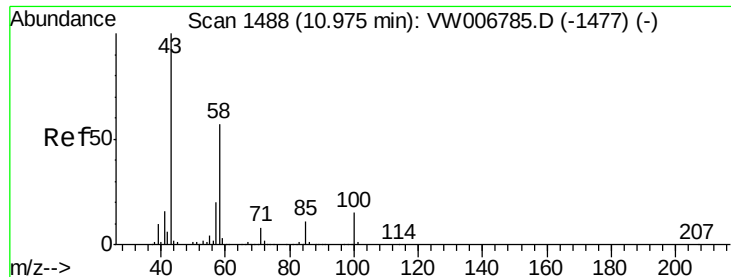
Tgt Ion: 63 Resp: 277886

Ion Ratio Lower Upper

63 100

106 32.2 25.3 37.9

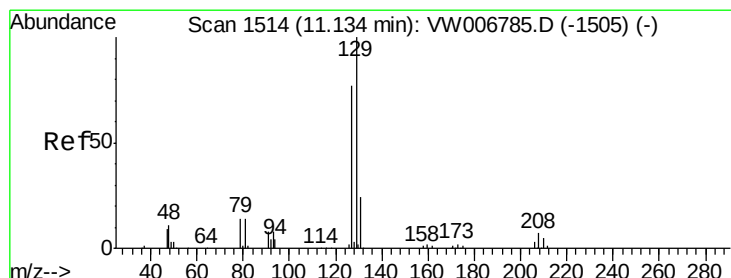
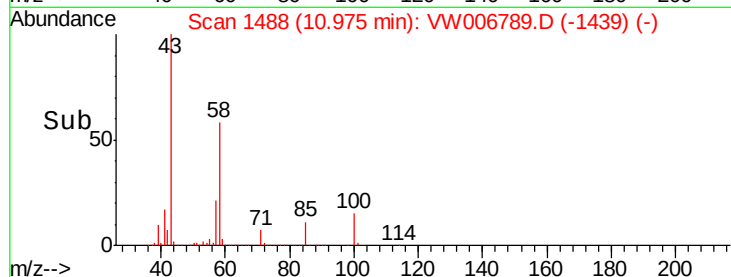
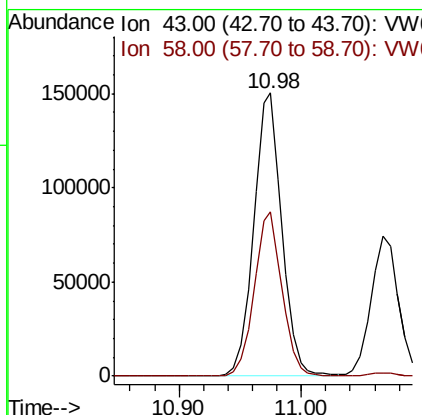
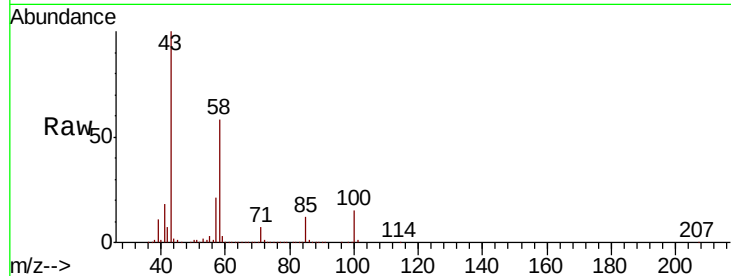




#59
2-Hexanone
Concen: 259.903 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

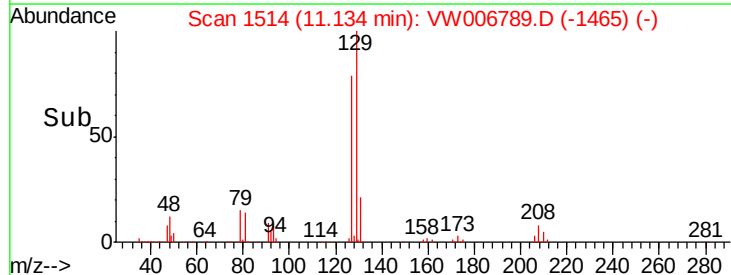
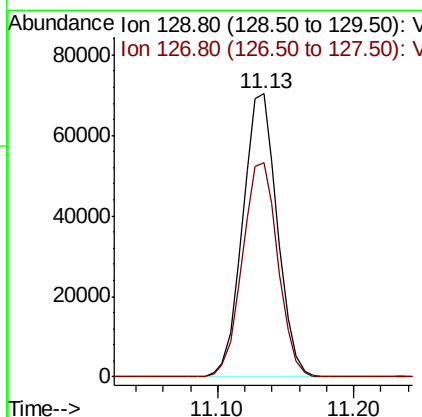
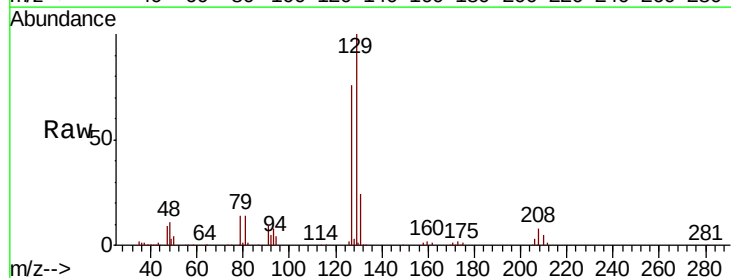
Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

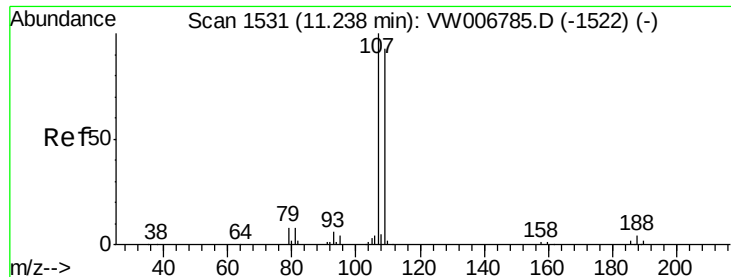
Tot Ion: 43 Resp: 240297
Ion Ratio Lower Upper
43 100
58 57.0 28.5 85.5



#60
Dibromochloromethane
Concen: 47.610 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion: 129 Resp: 125206
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3

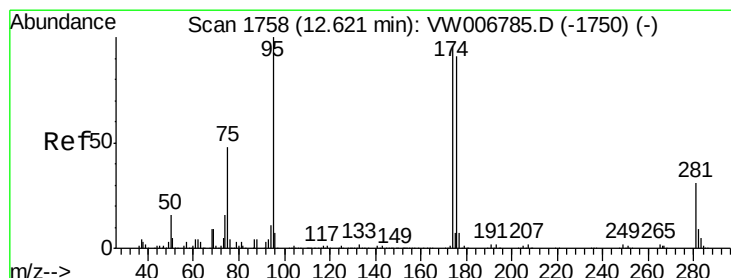
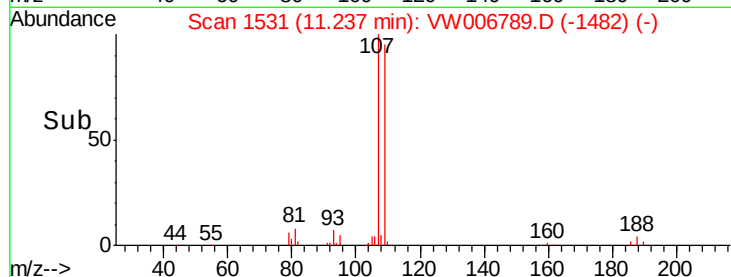
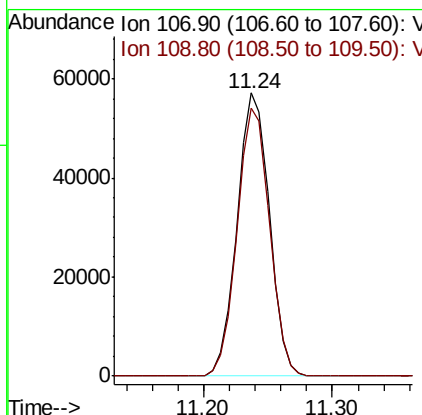
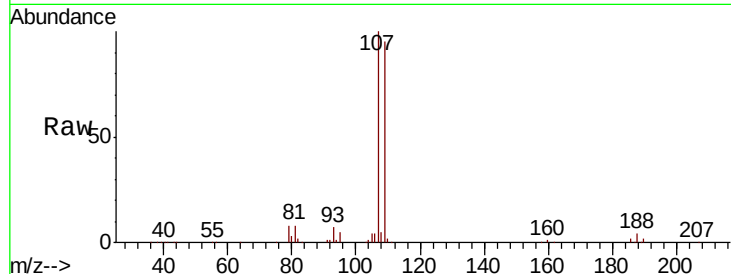




#61
 1,2-Dibromoethane
 Concen: 46.906 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

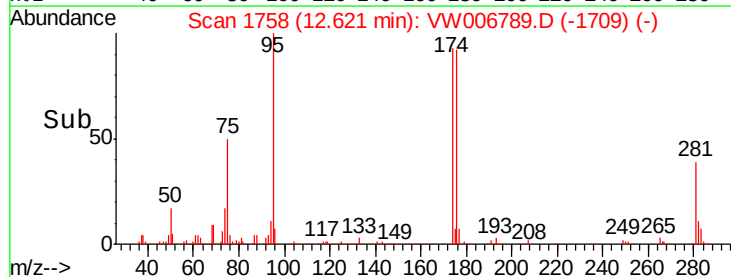
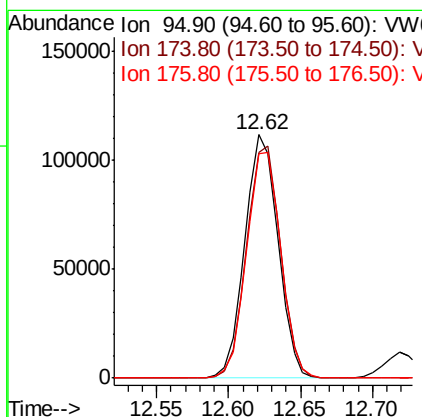
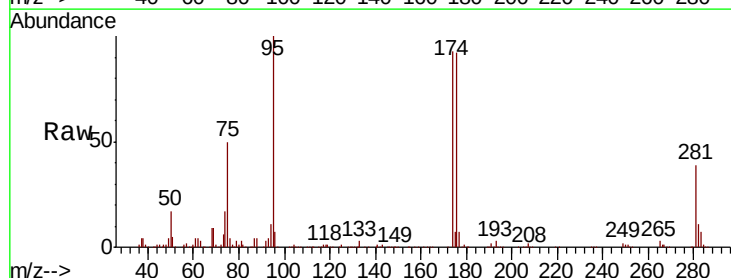
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

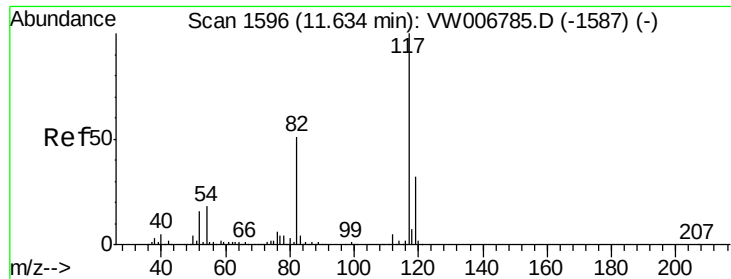
Tot Ion:107 Resp: 98731
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 46.473 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion: 95 Resp: 178212
 Ion Ratio Lower Upper
 95 100
 174 97.4 0.0 196.2
 176 95.5 0.0 190.8

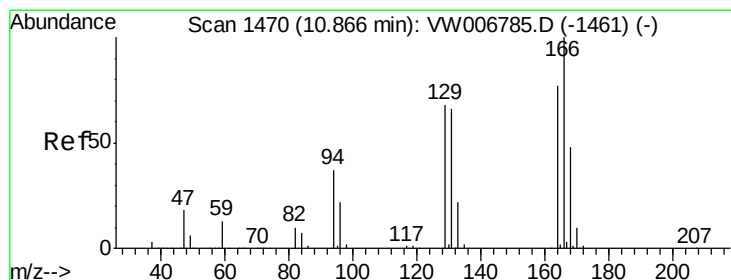
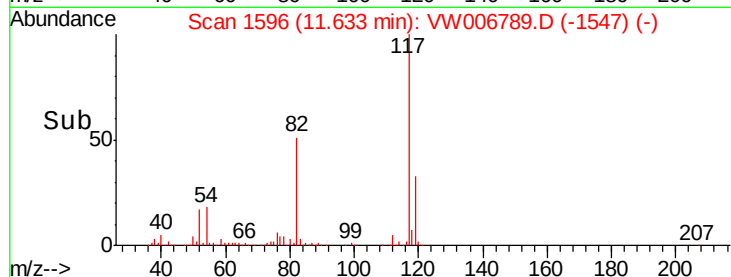
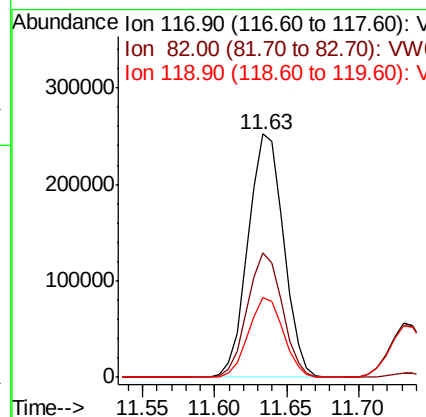
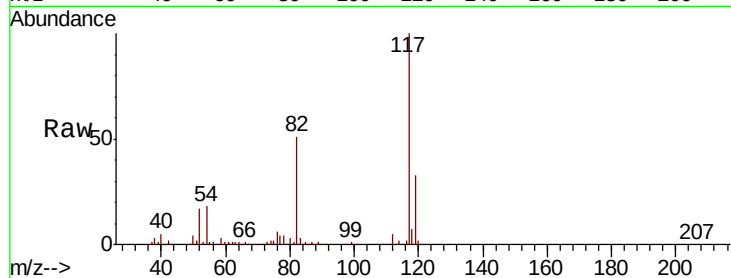




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

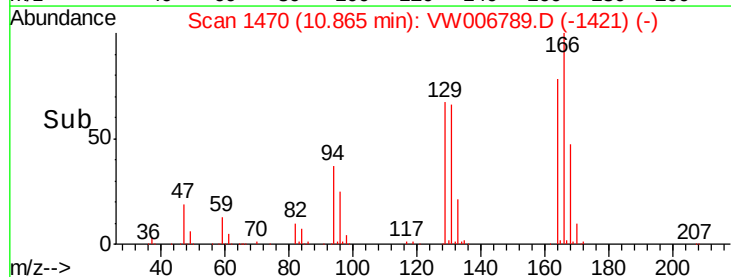
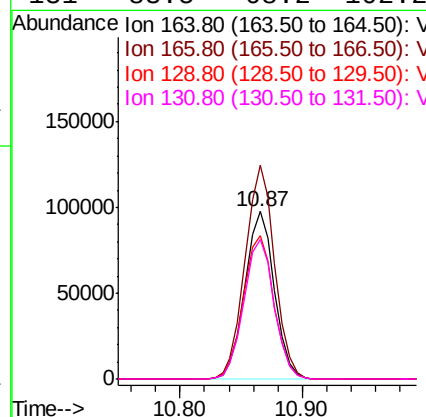
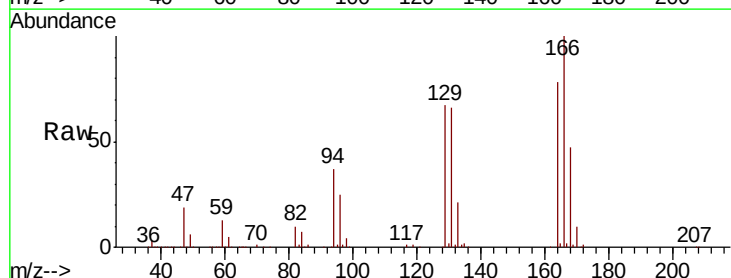
Instrument :
MSVOA_W
ClientSampleId :
ICVW110918

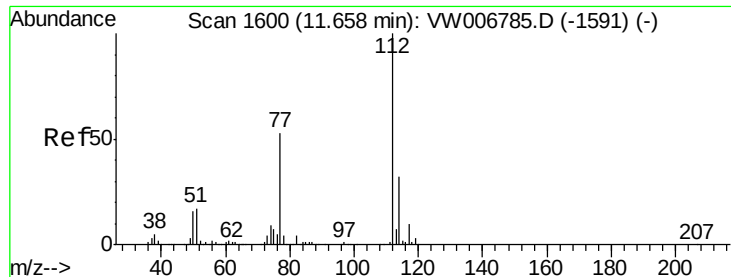
Tot Ion:117 Resp: 430486
Ion Ratio Lower Upper
117 100
82 51.2 40.9 61.3
119 32.5 25.8 38.8



#64
Tetrachloroethene
Concen: 49.551 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion:164 Resp: 162891
Ion Ratio Lower Upper
164 100
166 127.4 103.7 155.5
129 85.4 70.4 105.6
131 83.5 68.2 102.2

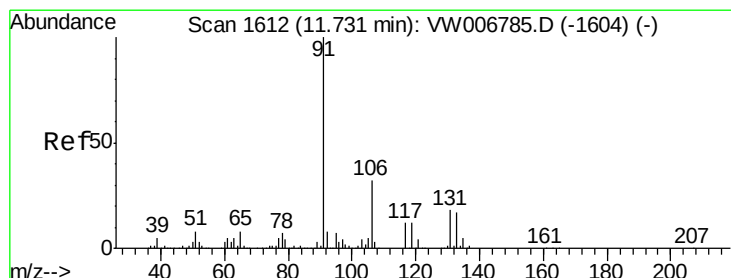
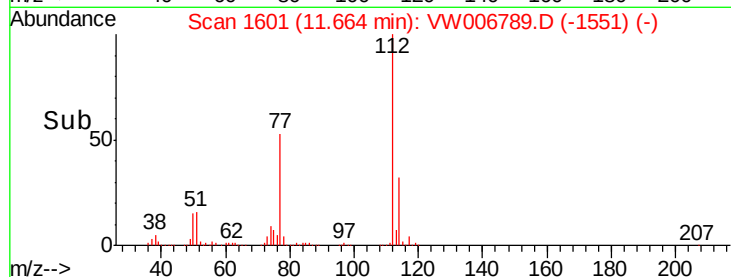
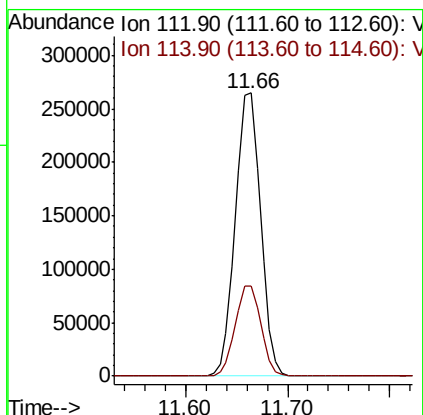
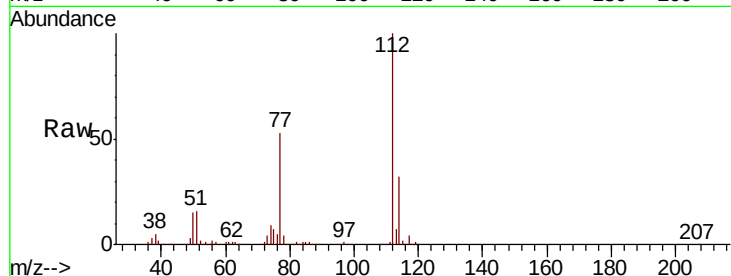




#65
Chlorobenzene
Concen: 49.513 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

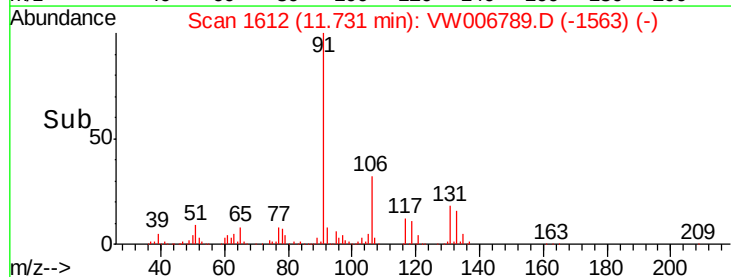
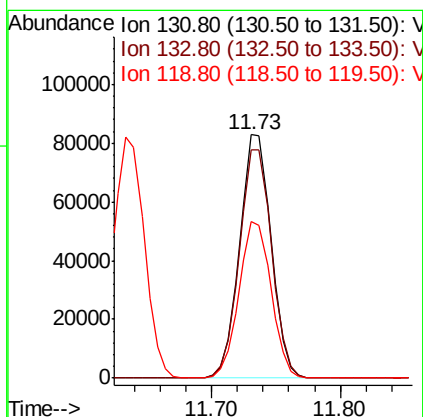
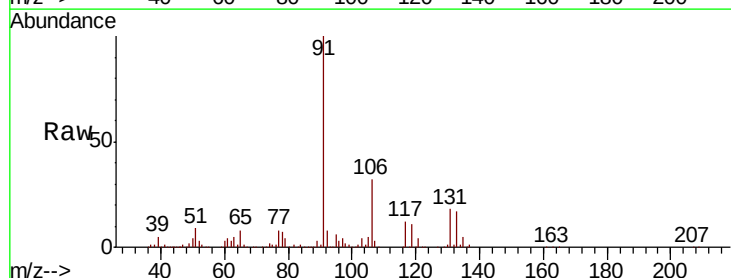
Instrument :
MSVOA_W
ClientSampleId :
ICVW110918

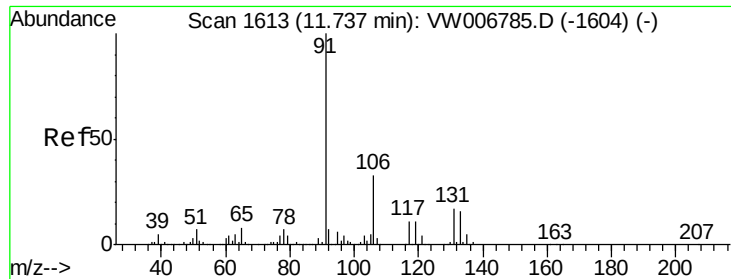
Tot Ion:112 Resp: 453699
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 47.897 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion:131 Resp: 140597
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 65.4 32.3 96.8

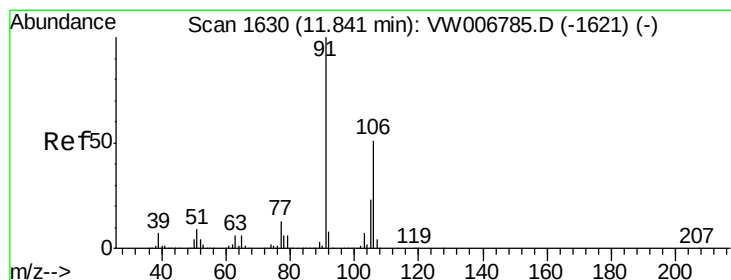
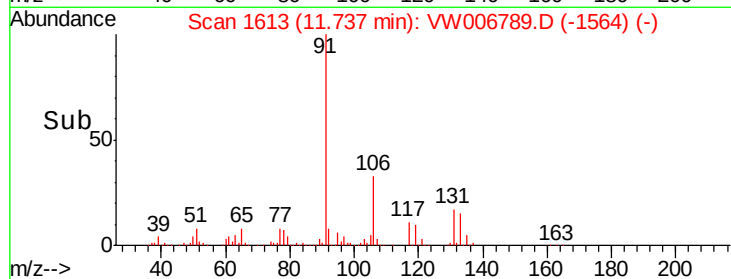
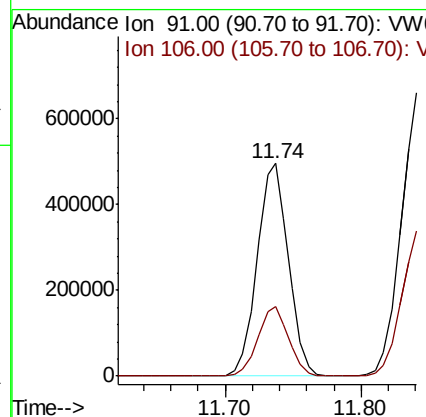
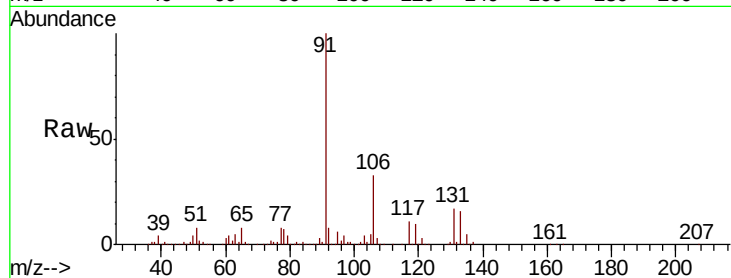




#67
Ethyl Benzene
Concen: 51.759 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

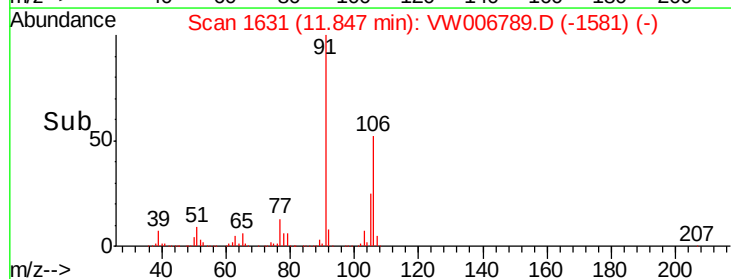
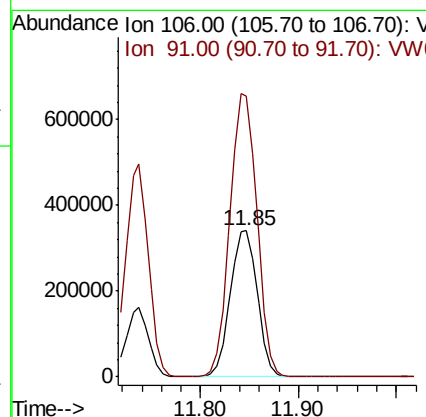
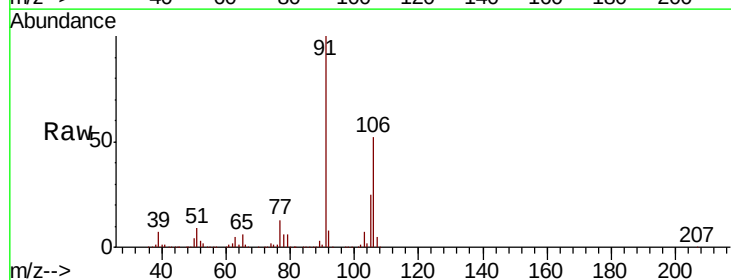
Instrument :
MSVOA_W
ClientSampleId :
ICVW110918

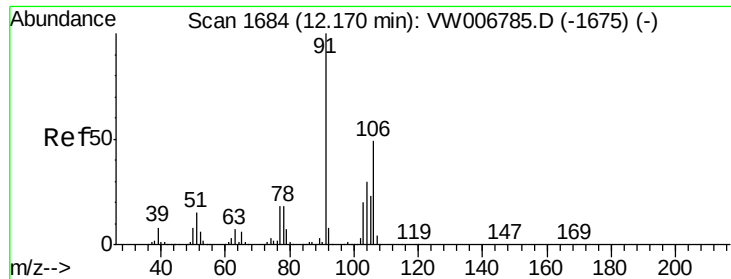
Tot Ion: 91 Resp: 797866
Ion Ratio Lower Upper
91 100
106 32.6 26.3 39.5



#68
m/p-Xylenes
Concen: 103.708 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion: 106 Resp: 652072
Ion Ratio Lower Upper
106 100
91 194.7 155.3 232.9

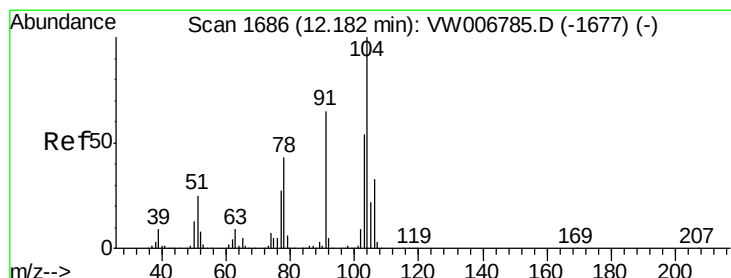
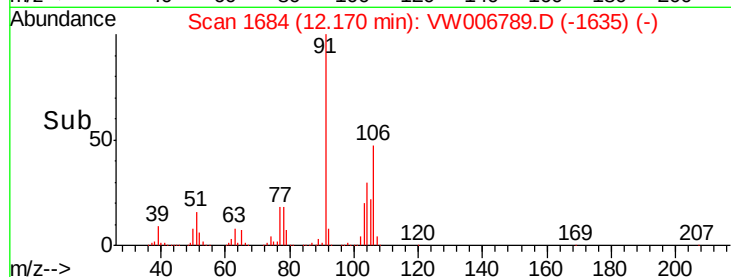
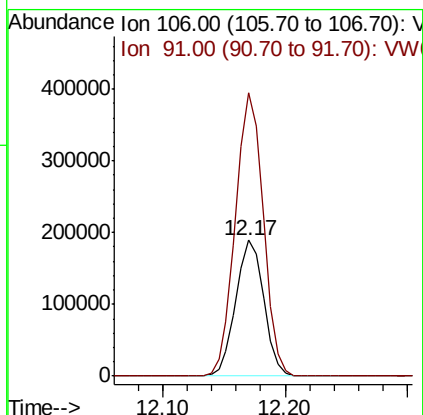
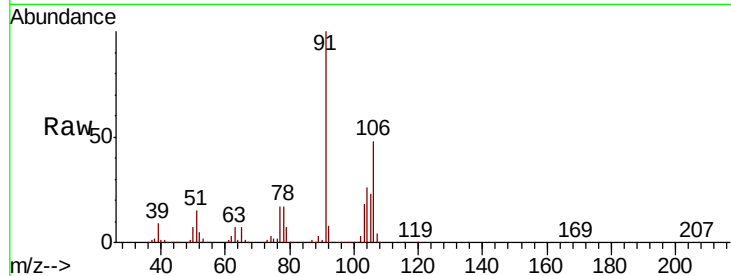




#69
o-Xylene
Concen: 51.782 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

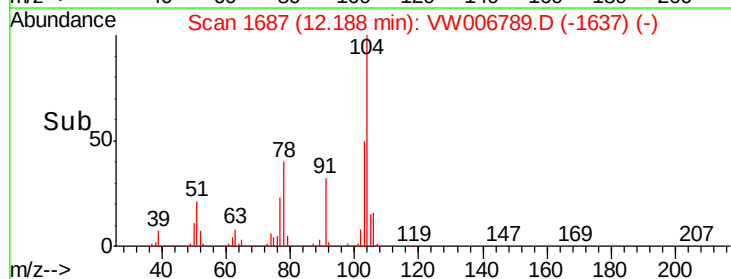
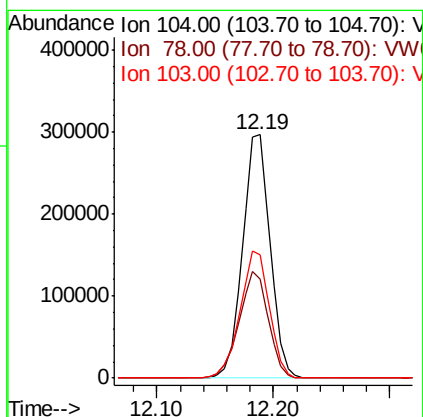
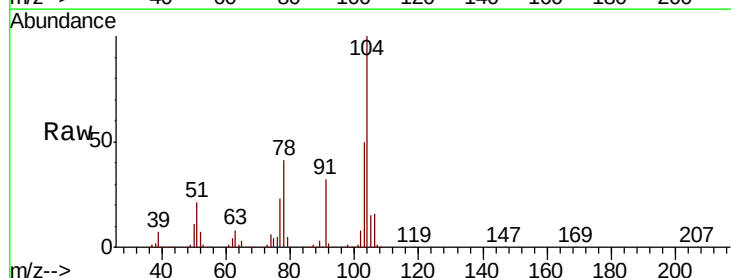
Instrument :
MSVOA_W
ClientSampleId :
ICVW110918

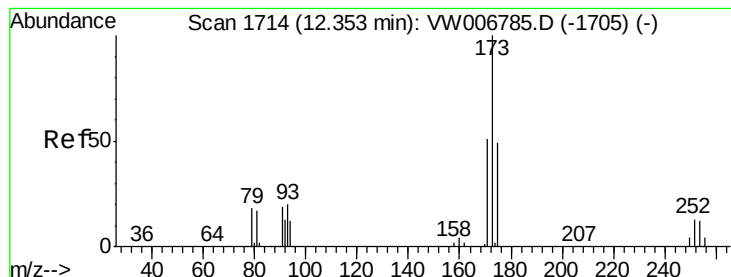
Tot Ion:106 Resp: 299742
Ion Ratio Lower Upper
106 100
91 208.0 103.0 308.9



#70
Styrene
Concen: 52.068 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion:104 Resp: 489899
Ion Ratio Lower Upper
104 100
78 46.6 37.1 55.7
103 55.5 44.4 66.6





#71

Bromoform

Concen: 48.702 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

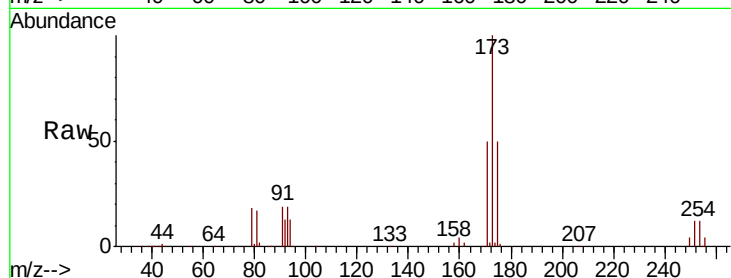
Tot Ion:173 Resp: 79190

Ion Ratio Lower Upper

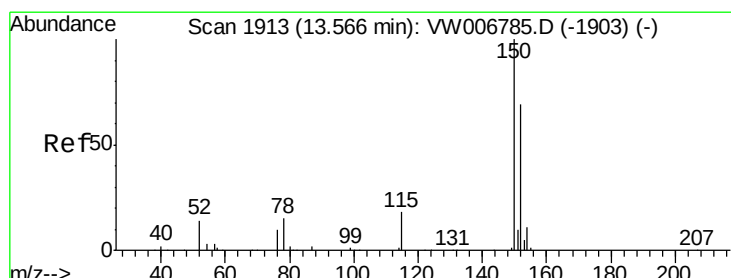
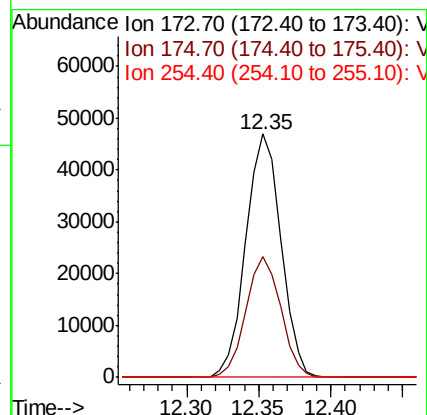
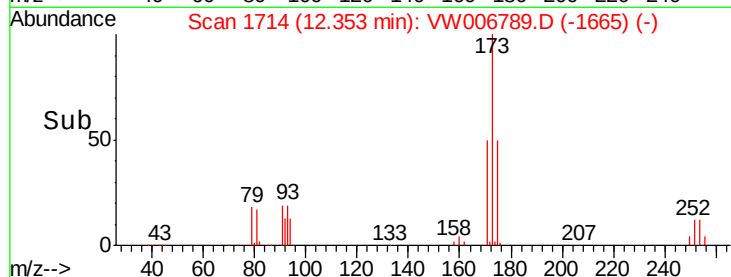
173 100

175 49.0 24.3 72.8

254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

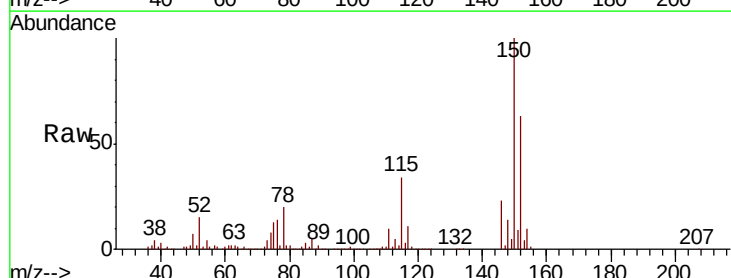
Tgt Ion:152 Resp: 246973

Ion Ratio Lower Upper

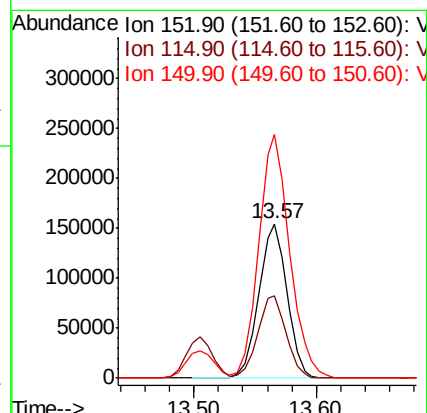
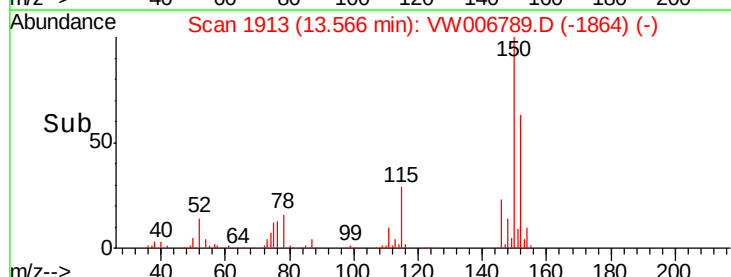
152 100

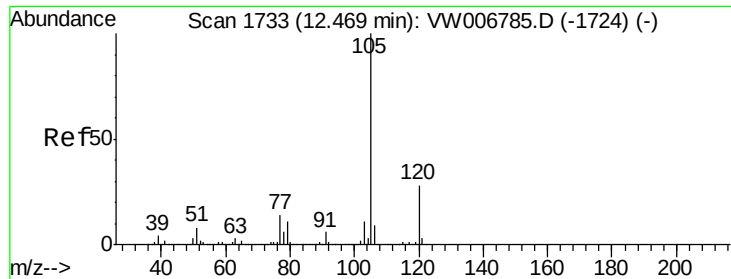
115 54.1 26.7 80.0

150 173.6 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.598 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

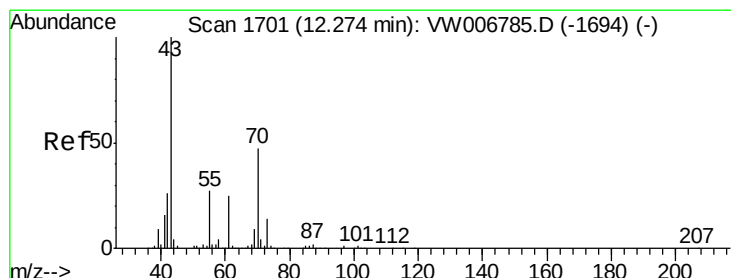
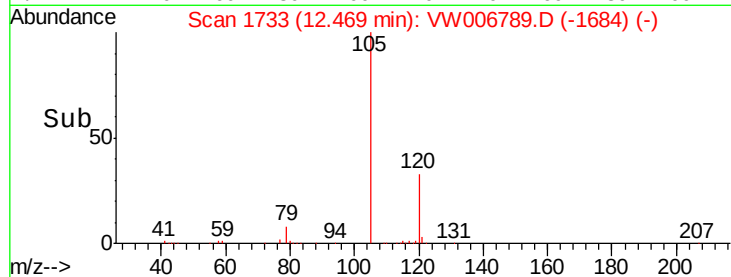
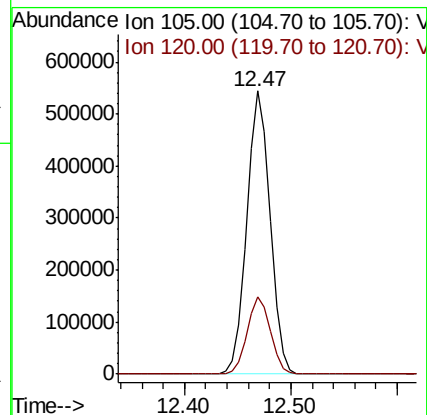
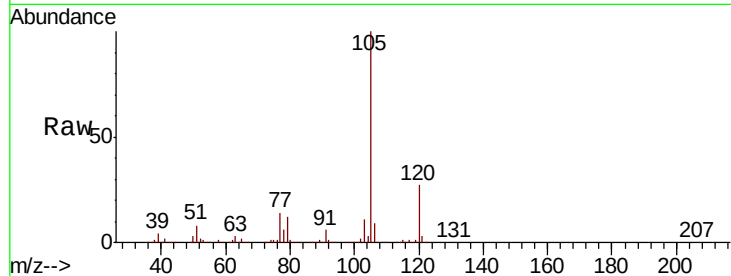
ICVWV110918

Tot Ion:105 Resp: 835805

Ion Ratio Lower Upper

105 100

120 27.5 13.9 41.6



#74

N-ethyl acetate

Concen: 51.482 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Tgt Ion: 43 Resp: 133341

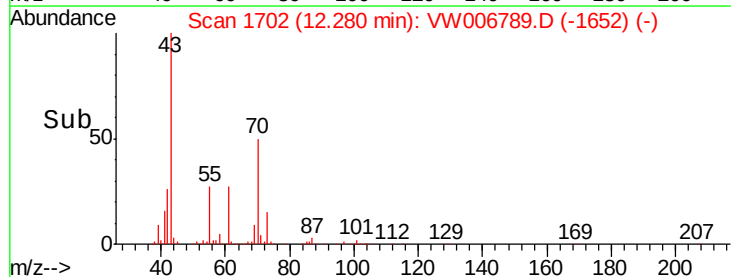
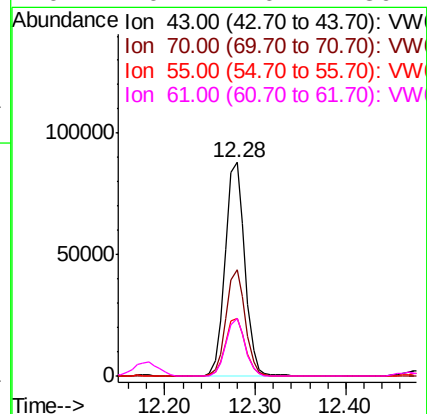
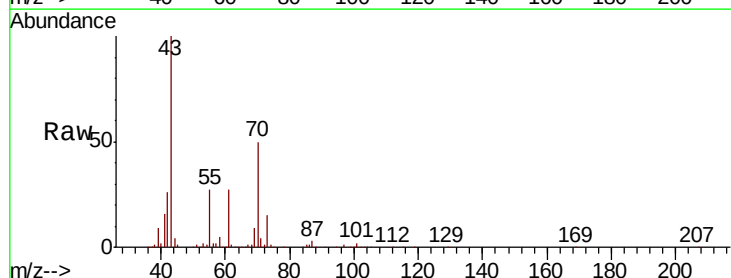
Ion Ratio Lower Upper

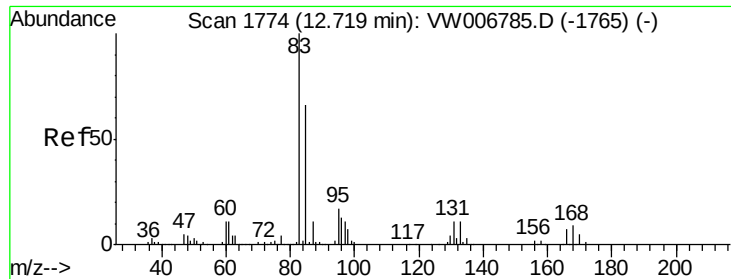
43 100

70 48.6 38.3 57.5

55 27.3 22.3 33.5

61 26.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.300 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW110918

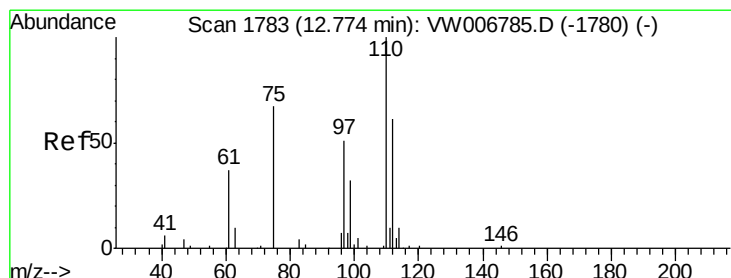
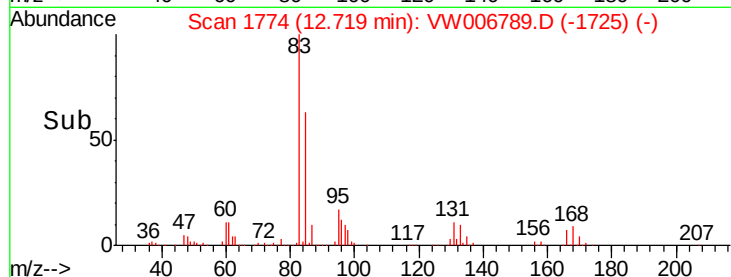
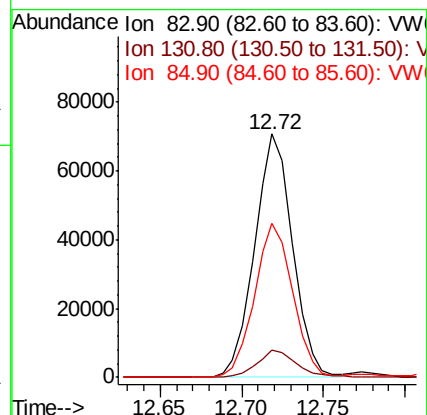
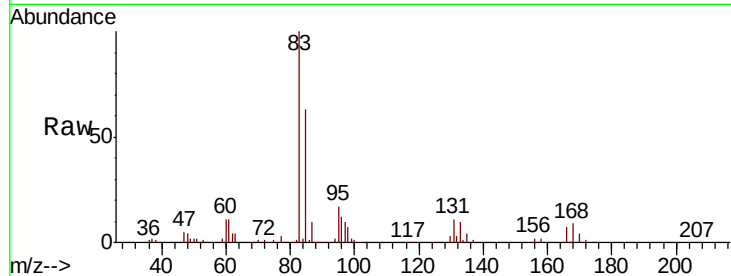
Tot Ion: 83 Resp: 114345

Ion Ratio Lower Upper

83 100

131 11.9 6.0 18.0

85 63.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 83.679 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006789.D

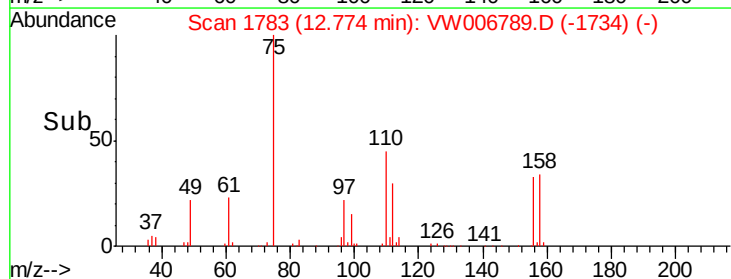
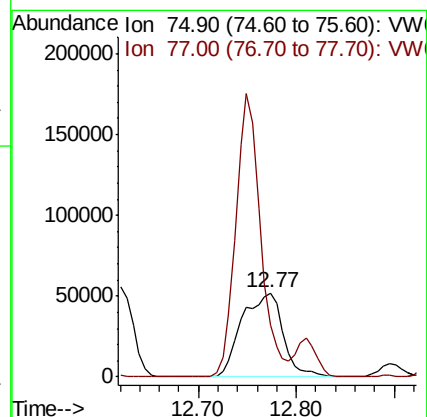
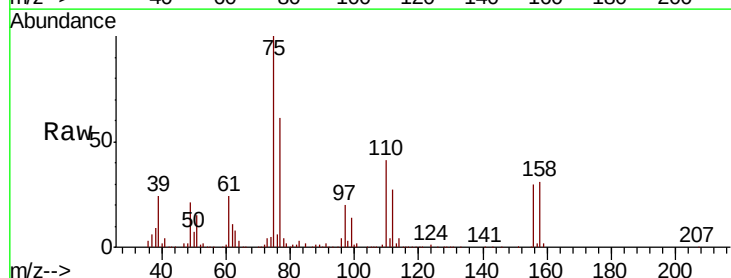
Acq: 09 Nov 2018 16:25

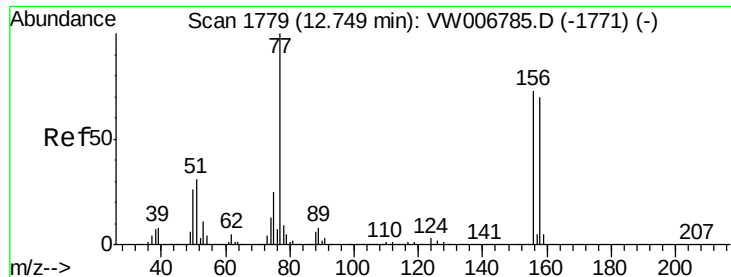
Tgt Ion: 75 Resp: 150710

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.974 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

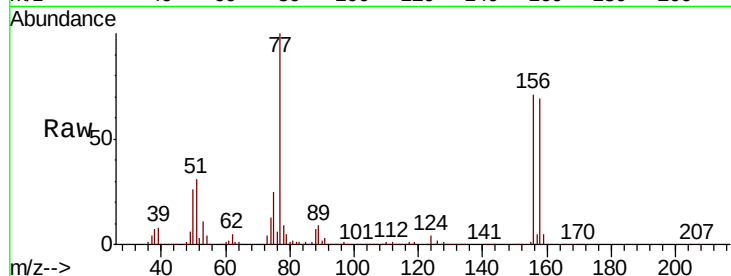
Tot Ion:156 Resp: 205332

Ion Ratio Lower Upper

156 100

77 150.9 75.4 226.3

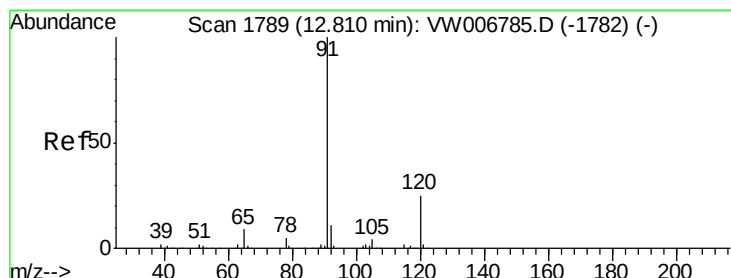
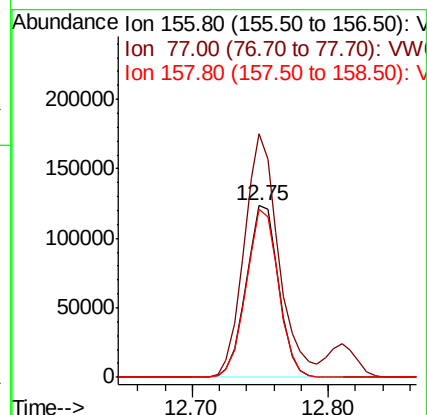
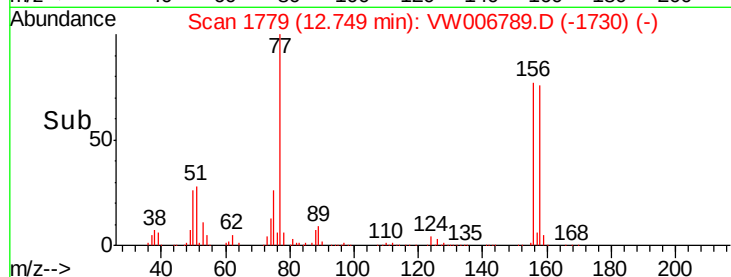
158 97.4 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.574 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006789.D

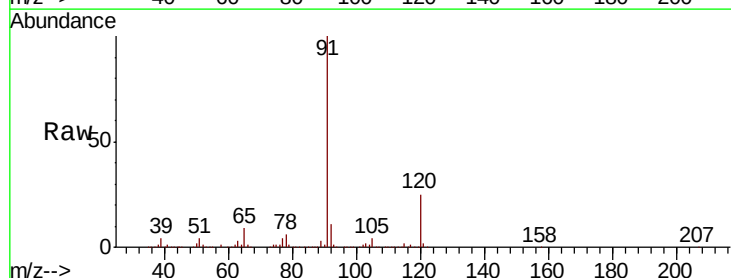
Acq: 09 Nov 2018 16:25

Tgt Ion: 91 Resp: 992649

Ion Ratio Lower Upper

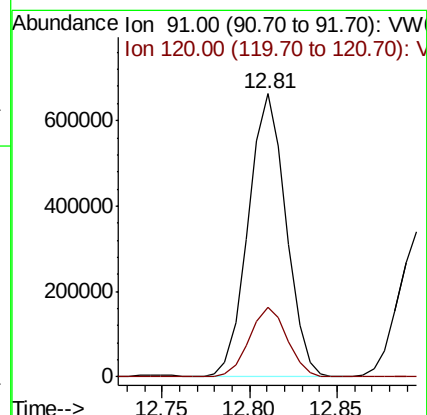
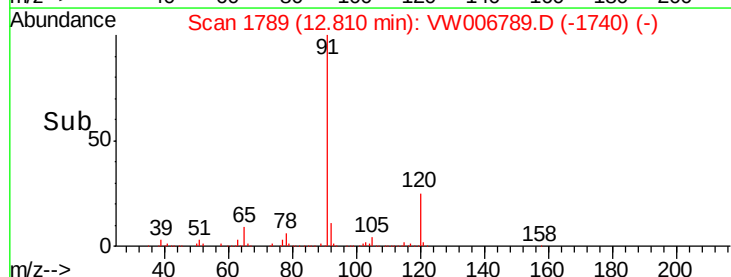
91 100

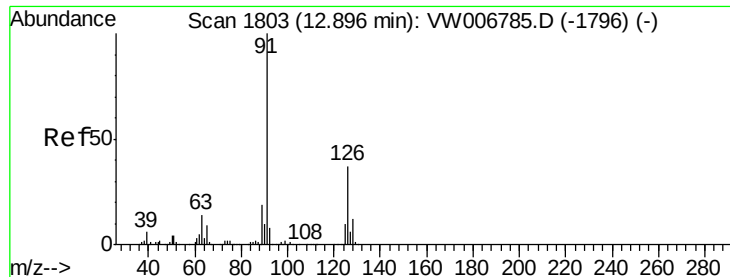
120 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

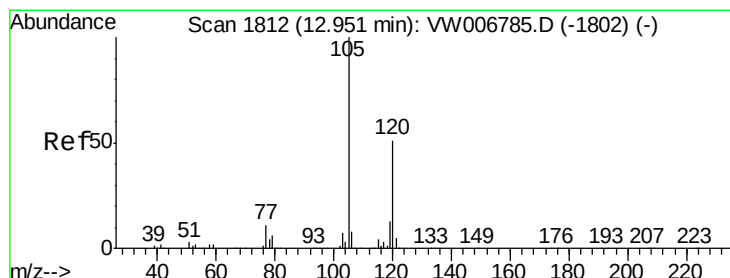
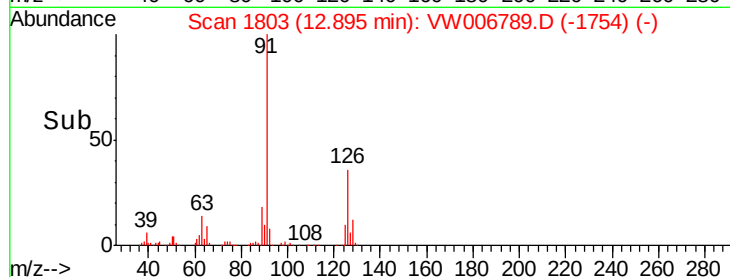
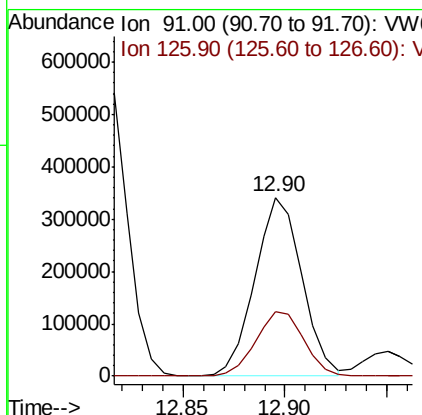
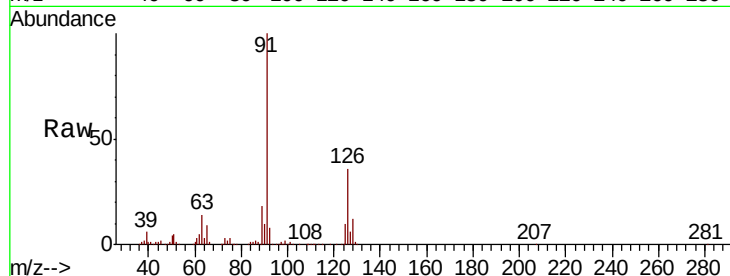




#79
 2-Chlorotoluene
 Concen: 51.471 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

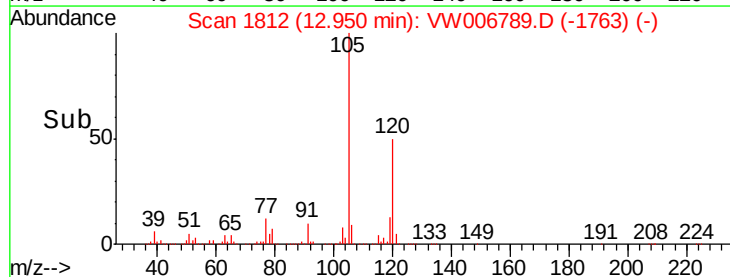
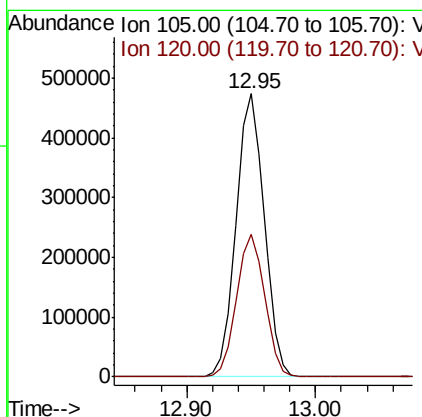
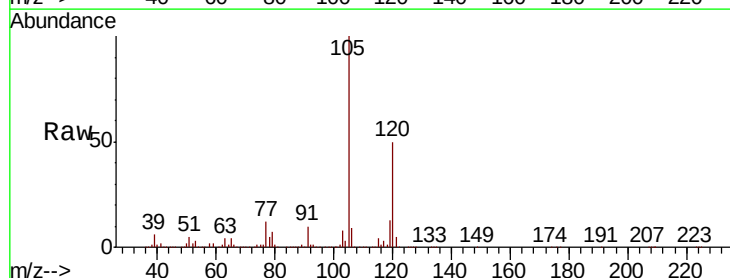
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVWV110918

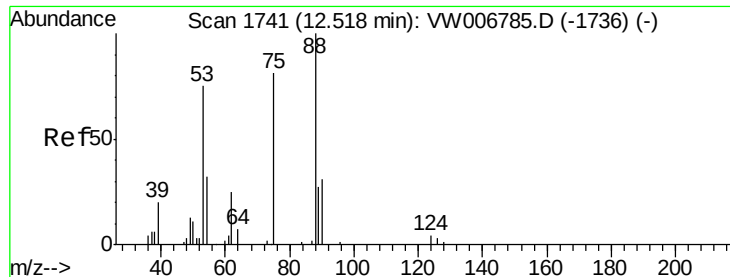
Tot Ion: 91 Resp: 547467
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 52.138 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion:105 Resp: 717840
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.375 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVWV110918

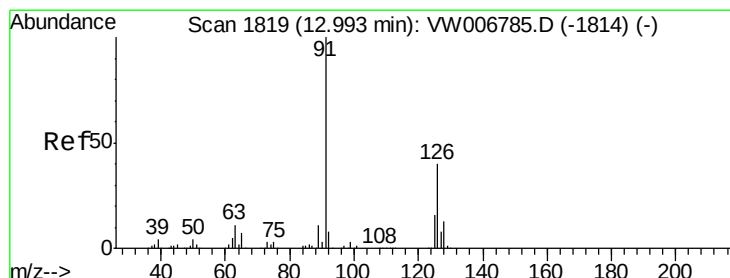
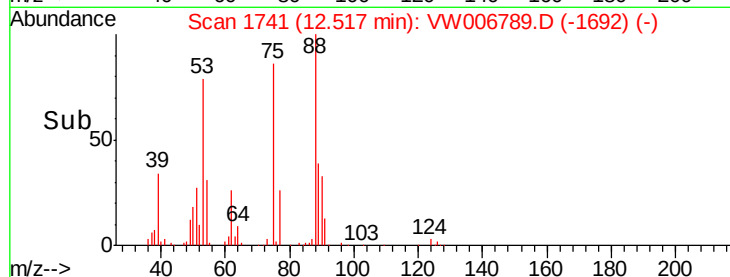
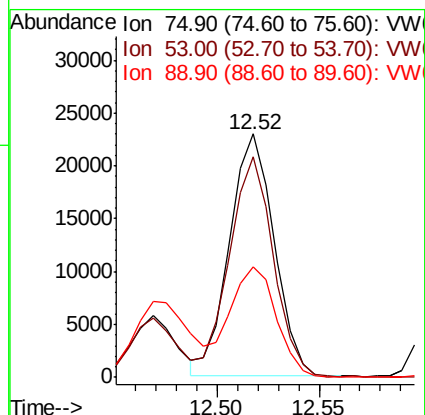
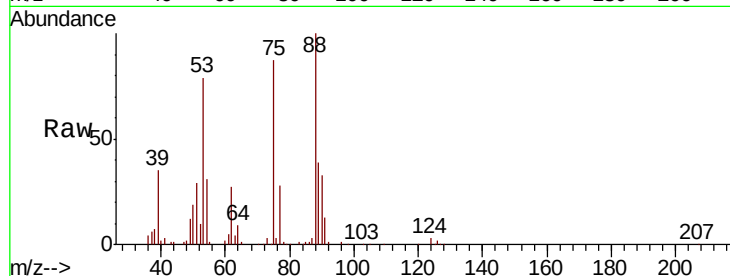
Tot Ion: 75 Resp: 34801

Ion Ratio Lower Upper

75 100

53 90.8 74.0 111.0

89 48.4 38.1 57.1



#82

4-Chlorotoluene

Concen: 51.239 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006789.D

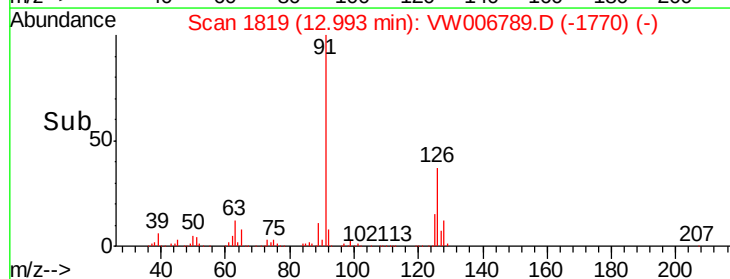
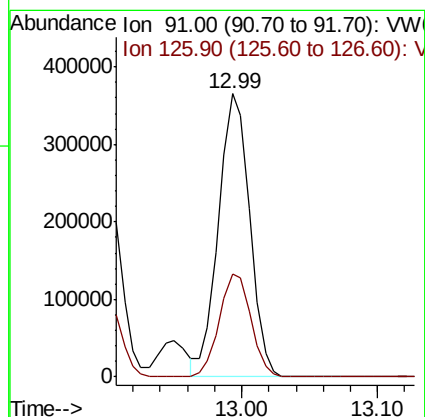
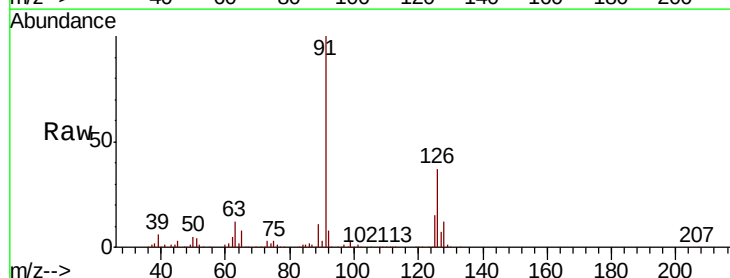
Acq: 09 Nov 2018 16:25

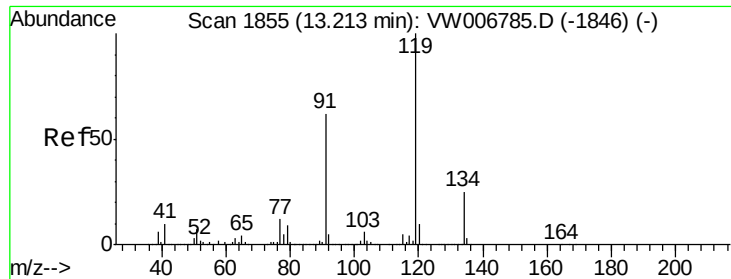
Tgt Ion: 91 Resp: 582477

Ion Ratio Lower Upper

91 100

126 36.9 18.6 55.6

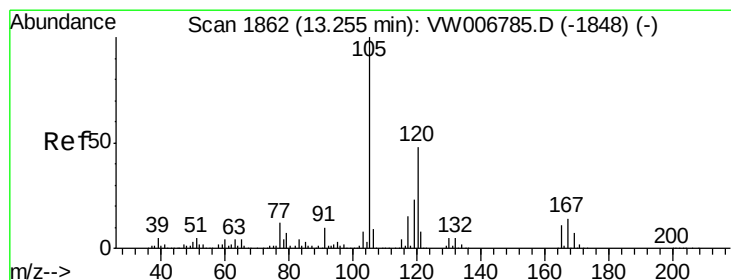
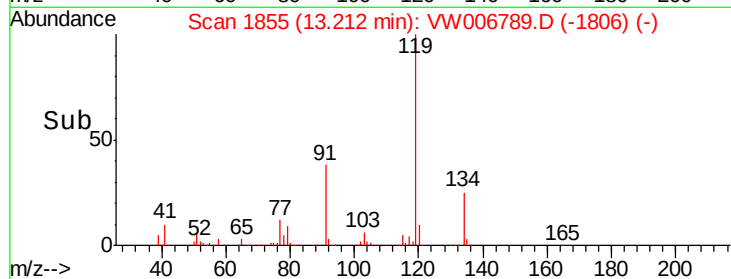
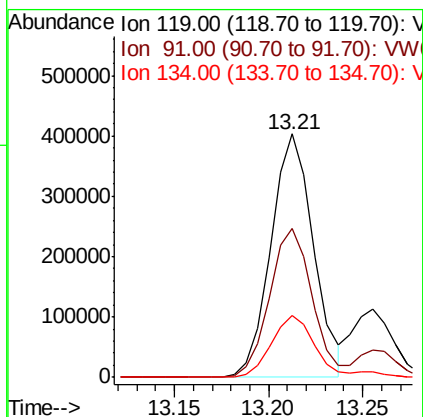
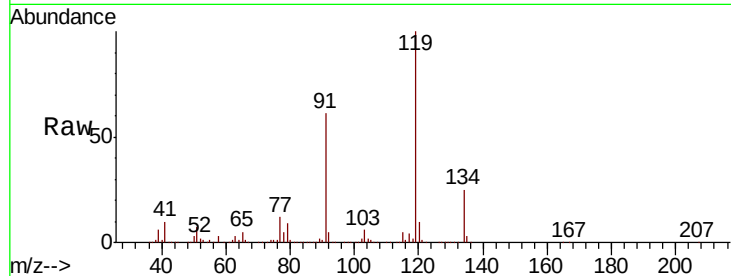




#83
 tert-Butylbenzene
 Concen: 53.086 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

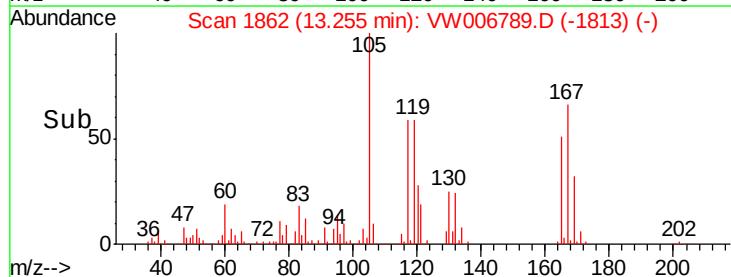
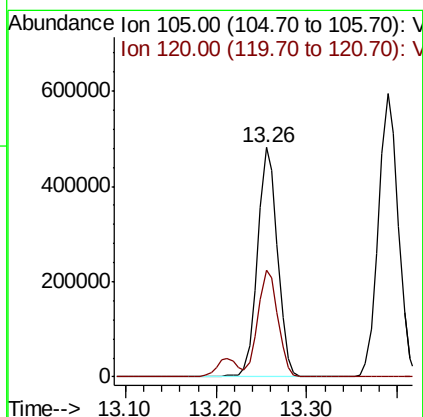
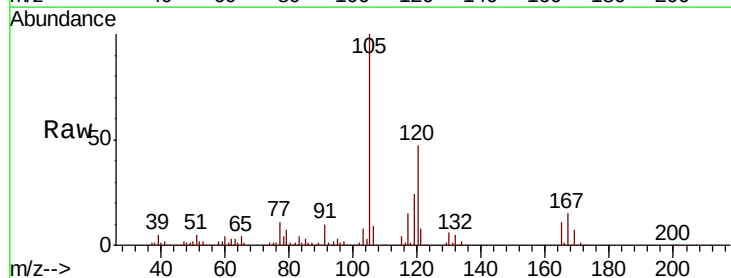
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVWV110918

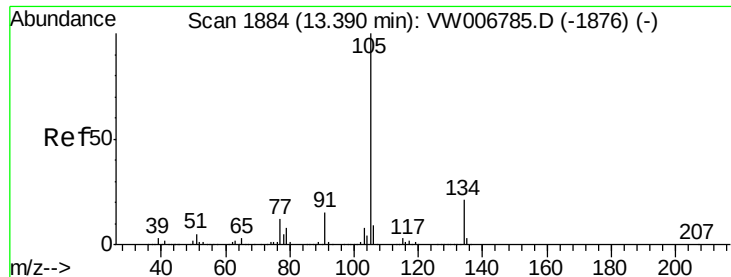
Tot Ion:119 Resp: 631548
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.4 91.2
 134 27.0 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 51.851 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion:105 Resp: 731419
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.0

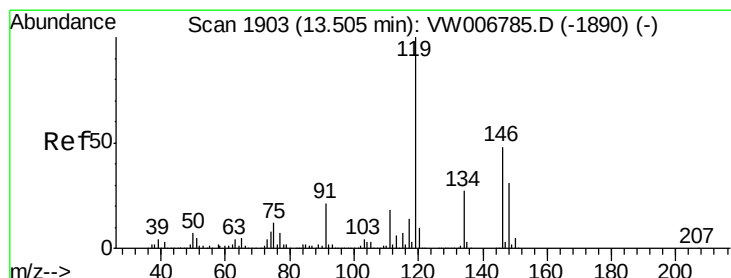
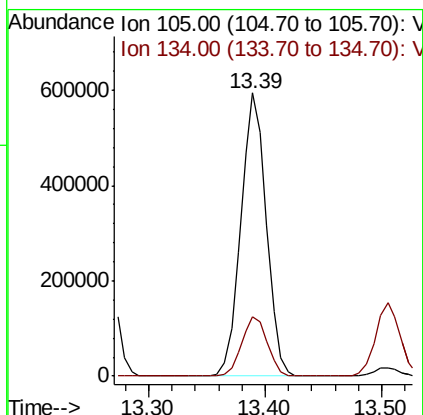
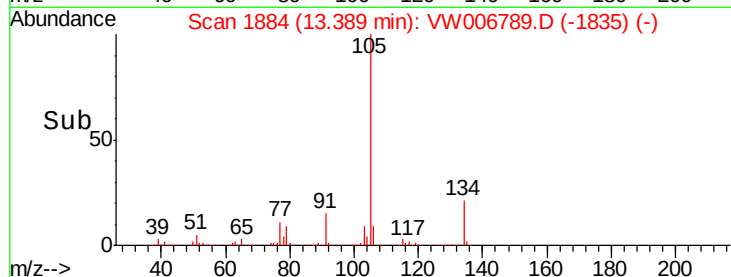
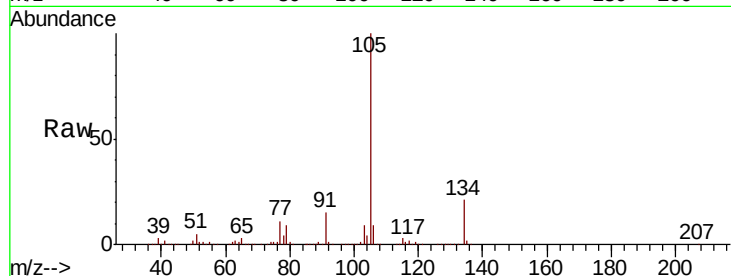




#85
 sec-Butylbenzene
 Concen: 52.965 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

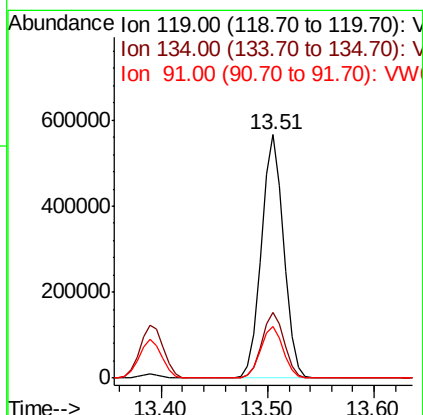
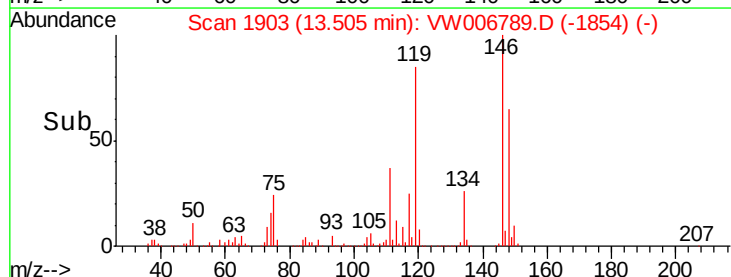
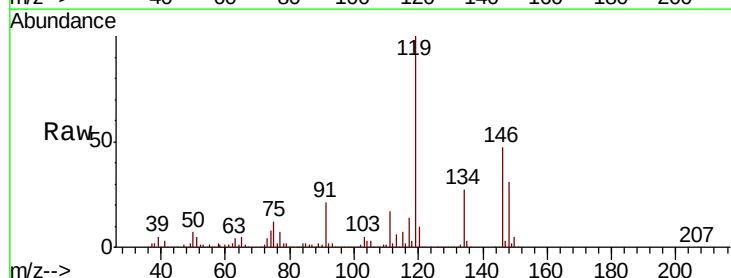
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

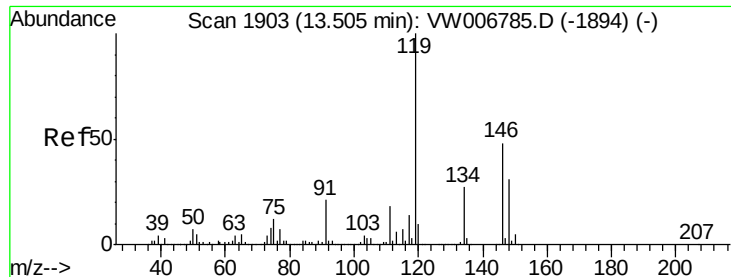
Tot Ion:105 Resp: 901814
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 53.487 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion:119 Resp: 830701
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 21.6 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 50.562 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

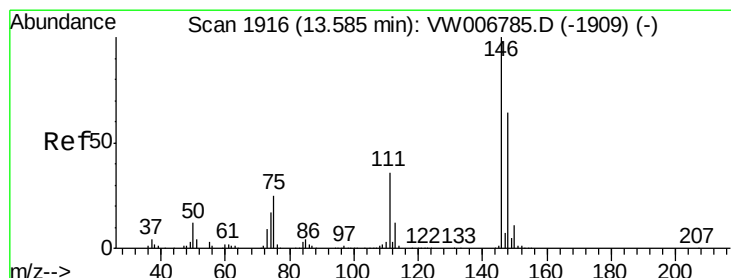
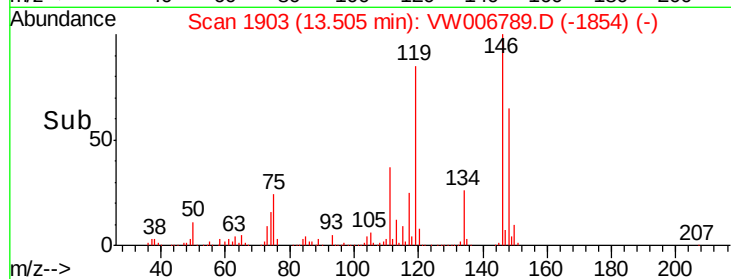
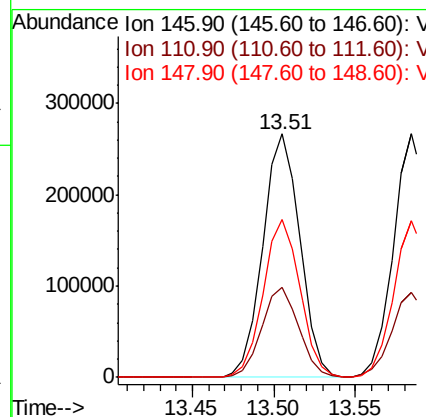
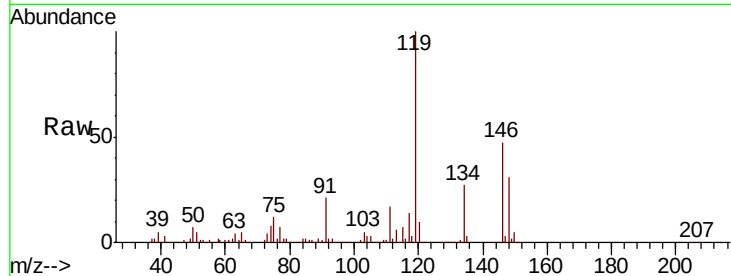
Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

Tot Ion:146 Resp: 422064

Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.0
148	64.3	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 50.152 ug/l

RT: 13.58 min Scan# 1916

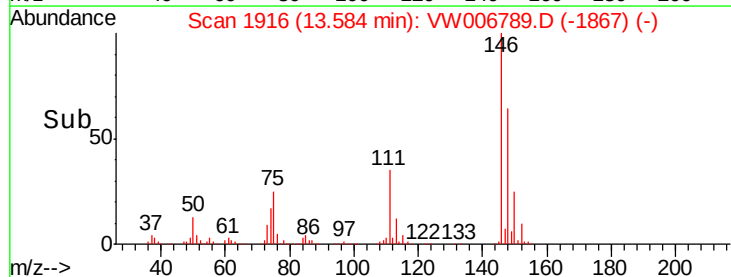
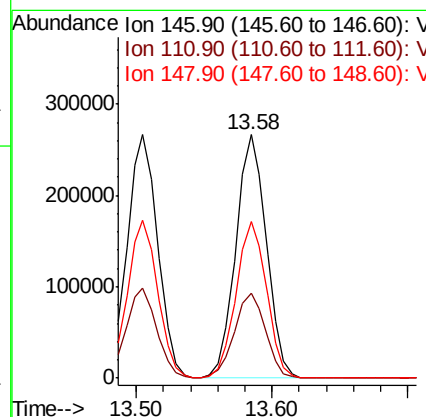
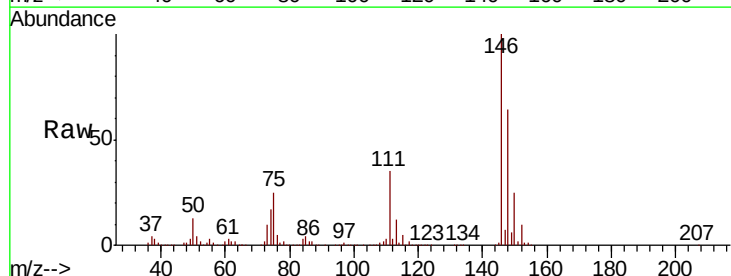
Delta R.T. -0.00 min

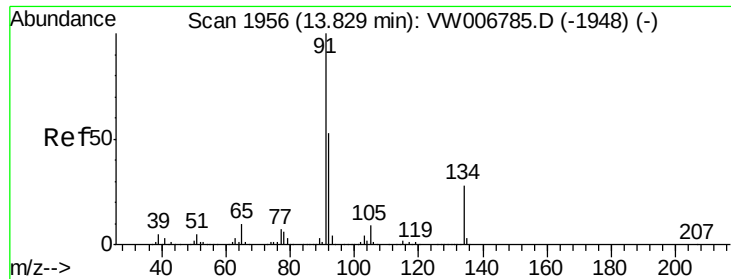
Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Tgt Ion:146 Resp: 416954

Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.1	54.1
148	64.1	32.2	96.6





#89

n-Butylbenzene

Concen: 52.650 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW110918

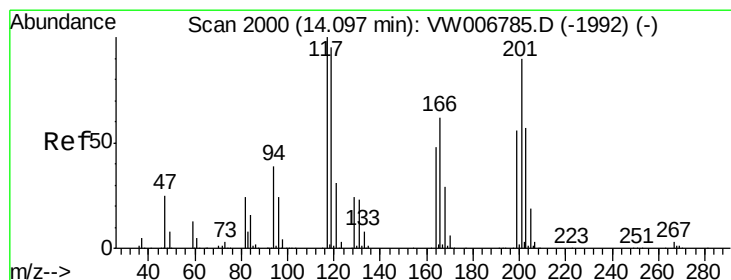
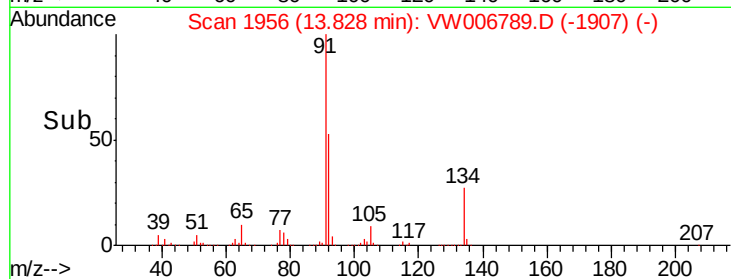
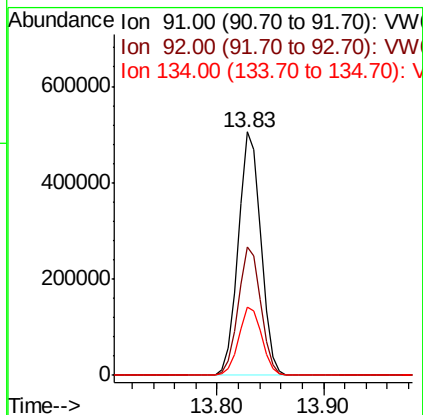
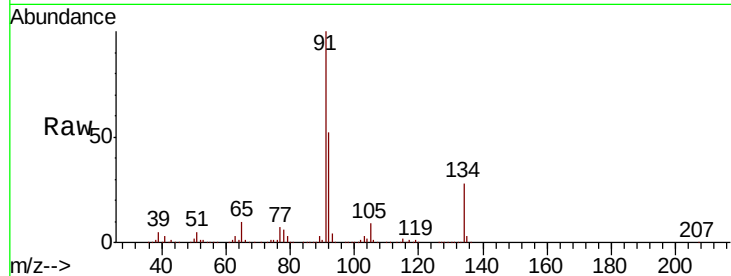
Tot Ion: 91 Resp: 754700

Ion Ratio Lower Upper

91 100

92 52.7 26.1 78.2

134 28.5 14.2 42.8



#90

Hexachloroethane

Concen: 50.903 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW006789.D

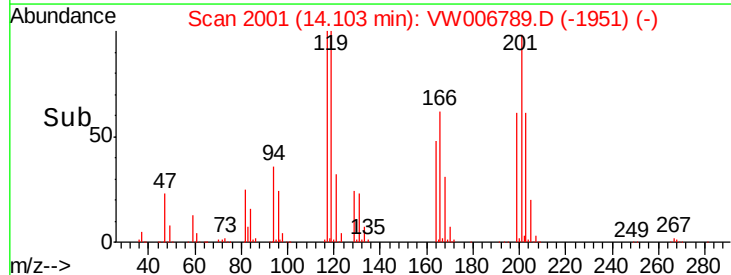
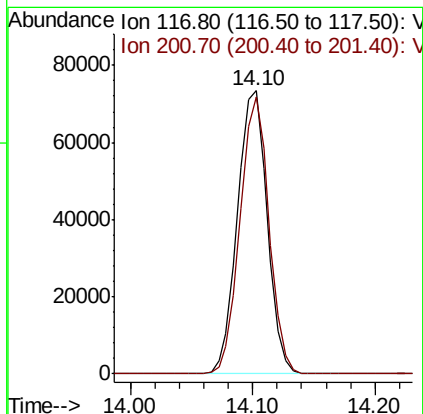
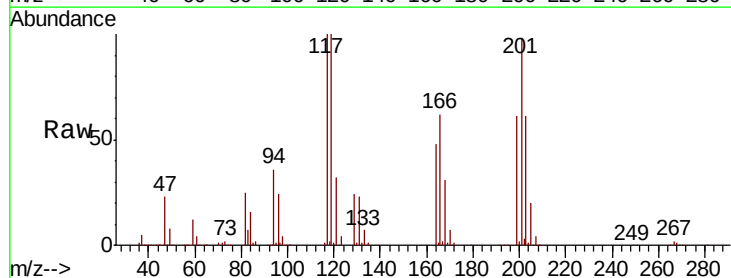
Acq: 09 Nov 2018 16:25

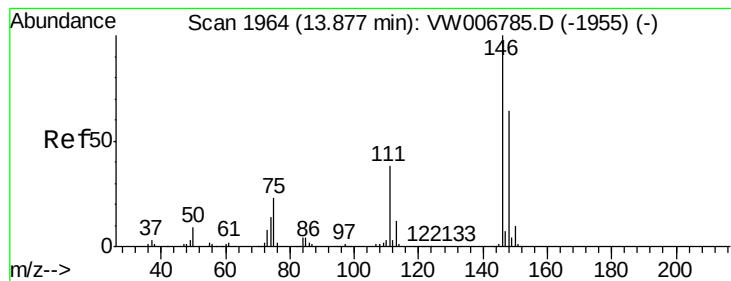
Tgt Ion: 117 Resp: 124027

Ion Ratio Lower Upper

117 100

201 94.9 47.0 141.2





#91

1,2-Dichlorobenzene

Concen: 50.065 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

Instrument :

MSVOA_W

ClientSampleId :

ICVW110918

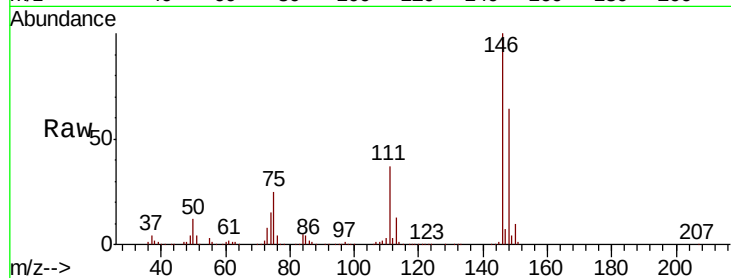
Tot Ion:146 Resp: 365593

Ion Ratio Lower Upper

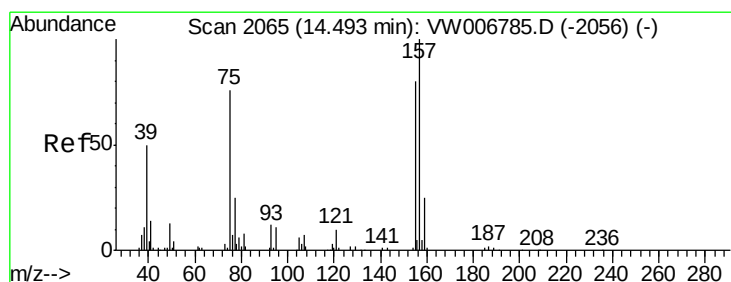
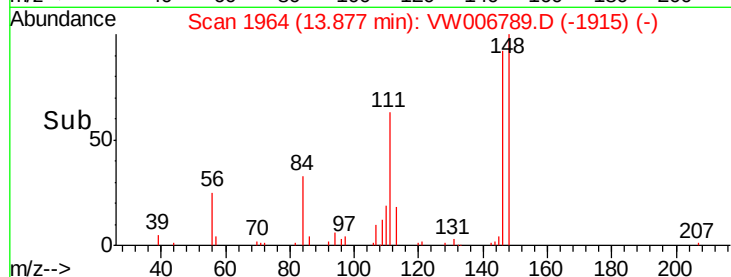
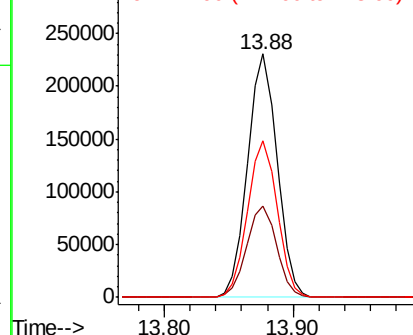
146 100

111 38.1 19.1 57.3

148 64.6 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.161 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006789.D

Acq: 09 Nov 2018 16:25

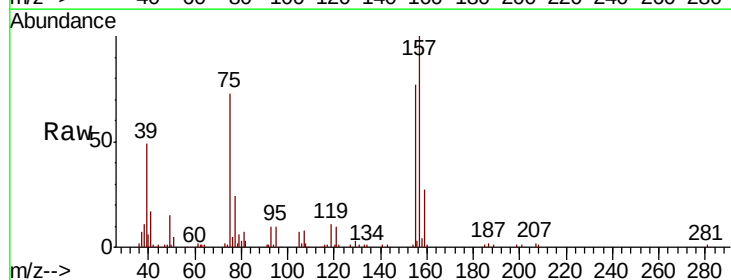
Tgt Ion: 75 Resp: 19175

Ion Ratio Lower Upper

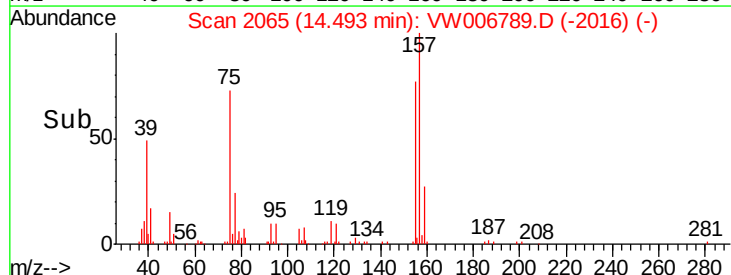
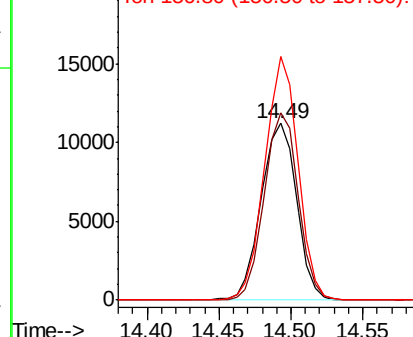
75 100

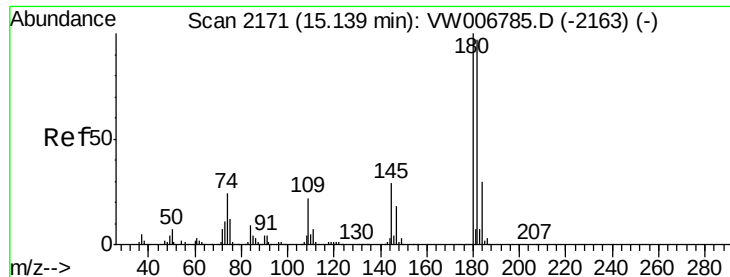
155 101.2 51.0 153.1

157 128.6 65.5 196.5



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

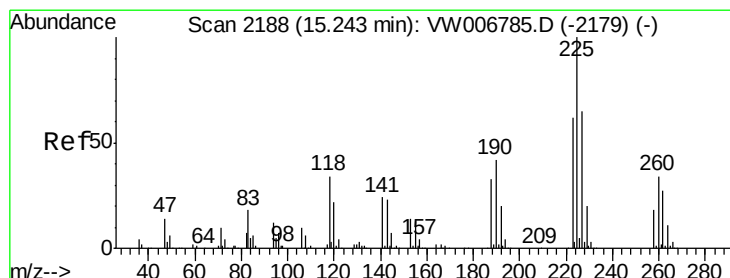
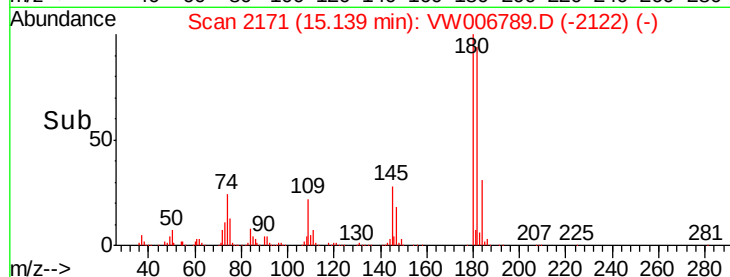
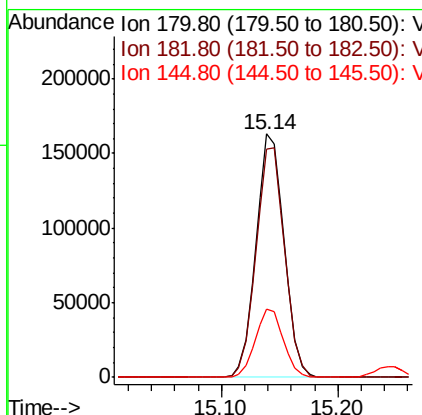
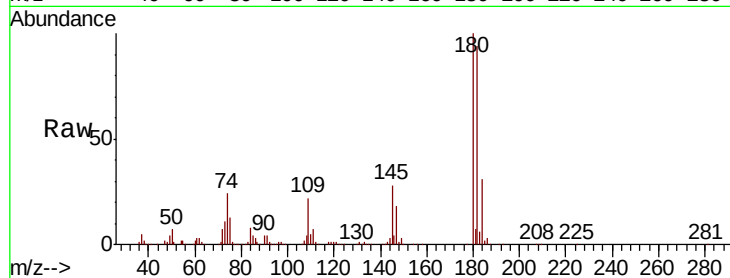




#93
 1,2,4-Trichlorobenzene
 Concen: 50.701 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

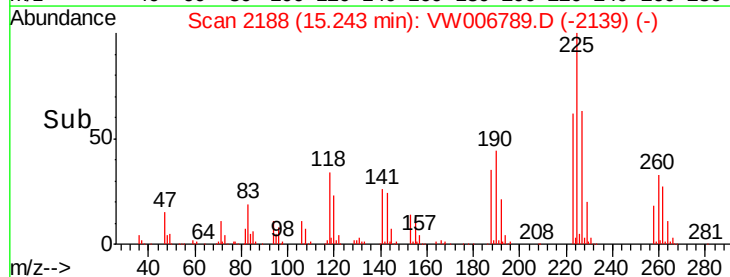
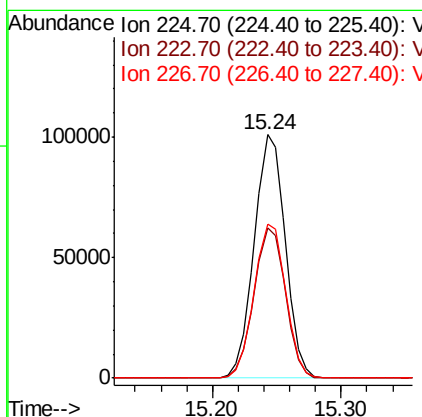
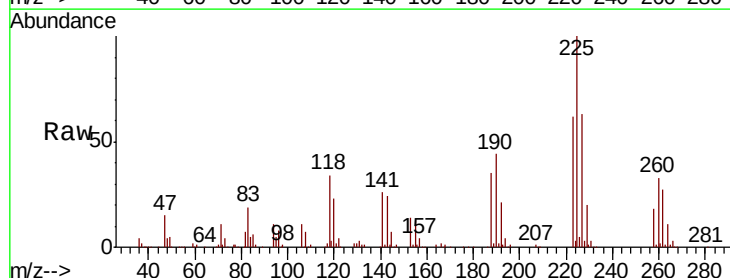
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

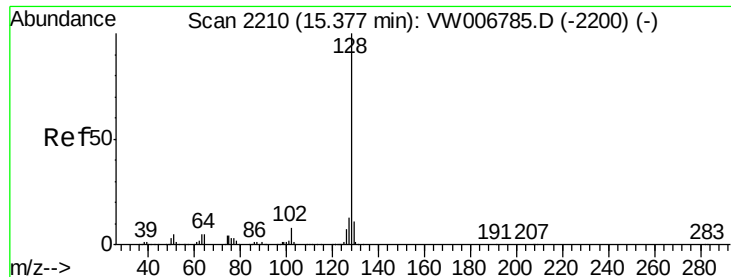
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.8
145	28.2	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 49.340 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006789.D
 Acq: 09 Nov 2018 16:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.9	92.5
227	64.3	31.9	95.7

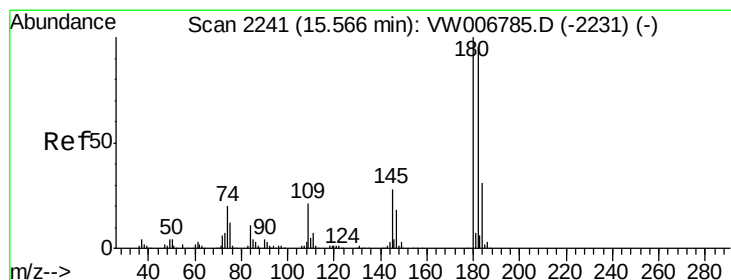
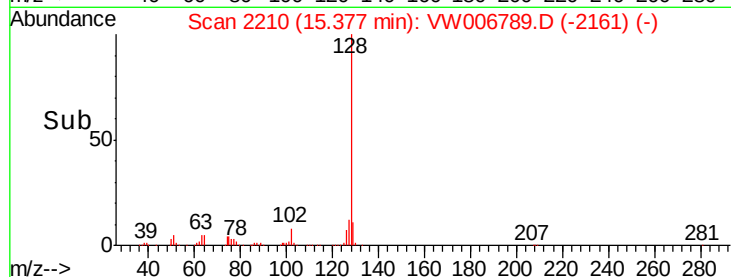
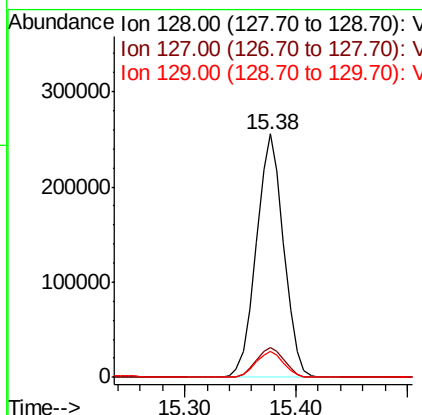
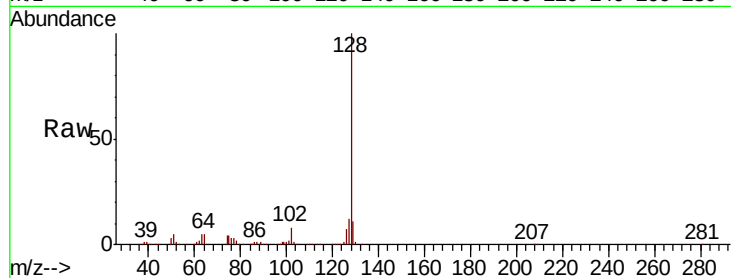




#95
Naphthalene
Concen: 52.776 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Instrument :
MSVOA_W
ClientSampleId :
ICVWV110918

Tot Ion:128 Resp: 436540
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.994 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006789.D
Acq: 09 Nov 2018 16:25

Tgt Ion:180 Resp: 233781
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.4
145 29.4 14.5 43.6

